



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number: 108750

TO: Elizabeth Kemmerer  
Location: cm1/10b17/10d19  
Art Unit: 1646  
Monday, November 24, 2003  
Case Serial Number: 08/741095

From: Paul Schulwitz  
Location: Biotech-Chem Library  
CM1-6B06  
Phone: 305-1954

[paul.schulwitz@uspto.gov](mailto:paul.schulwitz@uspto.gov)

### Search Notes

Examiner Kemmerer,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz  
Technical Information Specialist  
STIC Biotech/Chem Library  
(703)305-1954

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**THIS PAGE BLANK (USPTO)**

**From:** Chan, Christina  
**Sent:** Thursday, November 20, 2003 10:21 AM  
**To:** Kemmerer, Elizabeth; STIC-Biotech/ChemLib  
**Subject:** RE: rush interference search request

**Please rush. Thanks Chris**

*Chris Chan*

TC 1600 New Hire Training Coordinator and SPE 1644  
308-3973  
CM-1, 9B19

-----Original Message-----

**From:** Kemmerer, Elizabeth  
**Sent:** Thursday, November 20, 2003 9:36 AM  
**To:** Chan, Christina  
**Subject:** rush interference search request

Hi Christina-

Please approve the following rush request for an interference I'm trying to send to the judge by the end of the bi-week. Thanks,

STIC:

Please rush an interference search of SEQ ID NO: 25 for 08/741095.

Elizabeth (Betsy) Kemmerer  
Art Unit 1646  
308-2673  
CM1-10B17  
Mailbox: 10D19

RECEIVED  
NOV 20 2003  
STIC

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: 11/21  
Date Completed: 11/24  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST (where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

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QY 421 GCCGCCCTTACGCCACCTCCAGCCCCGGGCCAGAGGGTGCAGAAAGGAGGACCGAGAGTC 480
Db 706 GCCCGCGCTTACGCCACCTCCAGCCCCGGGCCAGAGGGTGCAGAAAGGAGGACCGAGAGTC 765
QY 481 AGGACACCCCTGTGTGACAGACTGCCCGGGGACCTTCTCTCCCAATGGGACCTGAGG 540
Db 766 AGGACACCCCTGTGTGACAGACTGCCCGGGGACCTTCTCTCCCAATGGGACCTGAGG 825
QY 541 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGGCCGAGACTGGGACACAGA 600
Db 826 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGGCCGAGACTGGGACACAGA 885
QY 601 GCTCCCACTGGGTATGGTGGTTTCTCTCAGGGAGCTTCGTATGTATATTGTGTCTCCA 660
Db 886 GCTCCCACTGGGTATGGTGGTTTCTCTCAGGGAGCTTCGTATGTATATTGTGTCTCCA 945
QY 661 CAGTTGGCCTAATCATATGTGTGAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720
Db 946 CAGTTGGCCTAATCATATGTGTGAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 1005
QY 721 TCCTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 780
Db 1006 TCCTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGGCCACAGTCATTGAGGCC 1065
QY 781 TGCAGGCGCCCTCCGAGAGCTCACCGGTCGCTGGAGAGACAAATCCCTCATTTCAAG 840
Db 1066 TGCAGGCGCCCTCCGAGAGCTCACCGGTCGCTGGAGAGACAAATCCCTCATTTCAAG 1125
QY 841 GGAGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA 881
Db 1126 GGAGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA 1166
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## RESULT 2

```
US-09-333-279-1
; Sequence 1, Application US/09333279
; Patent No. 6303336
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/333,279
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1724
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-333-279-1
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Query Match 99.8%; Score 879.4; DB 4; Length 1724;
Best Local Similarity 99.9%; Pred. No. 4,1e-235;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1 CCTGAGCAGTGAAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGA 60
Db 286 CCTGAGCAGTGAAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGA 345
QY 61 CCGACGCTTGAGGCTGGTGTGTATCTCACTTCCCTGGGAGCCCGCTGCTAGGCGCCAG 120
Db 346 CCGACGCTTGAGGCTGGTGTGTATCTCACTTCCCTGGGAGCCCGCTGCTAGGCGCCAG 405
QY 121 CTCTGCGCTCCTGCAAGAGAGACGAGTACCAGTGGGCTCCGAGTGTGCTGCCCAAGTGA 180
Db 406 CTCTGCGCTCCTGCAAGAGAGACGAGTACCAGTGGGCTCCGAGTGTGCTGCCCAAGTGA 465
QY 181 GTCCAGGTATCGTGTGAAGAGGCTTGGGGGAGCTGACGGGACAGTGTGTGAACCTT 240
Db 466 GTCCAGGTATCGTGTGAAGAGGCTTGGGGGAGCTGACGGGACAGTGTGTGAACCTT 525
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QY 241 GCCCTCAGGACCTTACCTATTTGCCACCTCAATGGGCTTAGCAAGTGTGAGTGCCANA 300
Db 526 GCCCTCAGGACCTTACCTATTTGCCACCTCAATGGGCTTAGCAAGTGTGAGTGCCANA 585
QY 301 TGTGTACCCAGGACCATGGGCTTGGCGGACGAGCGGAACTGCTTCAGAGACAGAGAACGCCG 360
Db 586 TGTGTACCCAGGACCATGGGCTTGGCGGACGAGCGGAACTGCTTCAGAGACAGAGAACGCCG 645
QY 361 TGTGTGGTTGACGCCACAGGCACTTGTGATGTGTCCAGAGCGGGGACCACTGCGCCGCT 420
Db 646 TGTGTGGTTGACGCCACAGGCACTTGTGATGTGTCCAGAGCGGGGACCACTGCGCCGCT 705
QY 421 GCCGCGCTTACGCACTCCAGCCCGGGGACAGAGGGTGTGAGAGGAGGACCCAGAGTC 480
Db 706 GCCGCGCTTACGCACTCCAGCCCGGGGACAGAGGGTGTGAGAGGAGGACCCAGAGTC 765
QY 481 AGGACACCCCTGTGTGAGAACTGCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 540
Db 766 AGGACACCCCTGTGTGAGAACTGCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 825
QY 541 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGAGCTGGGACACAGA 600
Db 826 AATGTGACACACAGACCAAGTGCAGCTGGTGTGACGAAAGCCGAGCTGGGACACAGA 885
QY 601 GCTCCCACTGGGTATGGTGGTTTCTCTCAGGGAGCTTCGTATGTATATTGTGTCTCCA 660
Db 886 GCTCCCACTGGGTATGGTGGTTTCTCTCAGGGAGCTTCGTATGTATATTGTGTCTCCA 945
QY 661 CAGTTGGCCTAATCATATGTGTGAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720
Db 946 CAGTTGGCCTAATCATATGTGTGAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 1005
QY 721 TCCTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGCCACAGTCATTGAGGCC 780
Db 1006 TCCTCTCCGTCACAGCGGAAAGACAGAGGCGAAGGTGAGCCACAGTCATTGAGGCC 1065
QY 781 TGCAGGCGCCCTCCGAGAGCTCACCGGTCGCTGGAGAGACAAATACCCTCATTCAGG 840
Db 1066 TGCAGGCGCCCTCCGAGAGCTCACCGGTCGCTGGAGAGACAAATACCCTCATTCAGG 1125
QY 841 GGAGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA 881
Db 1126 GGAGAGCCCAAAACCACTGACCCACAGACTCTGCACCCCGA 1166
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## RESULT 3

```
US-09-631-780-1
; Sequence 1, Application US/09631780
; Patent No. 6573058
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/631,780
; CURRENT FILING DATE: 1995-07-25
; PRIOR APPLICATION NUMBER: US/08/509,024B
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1724
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-631-780-1
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Query Match 99.8%; Score 879.4; DB 4; Length 1724;
Best Local Similarity 99.9%; Pred. No. 4,1e-235;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1 CCTGAGCAGTGAAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGA 60
Db 286 CCTGAGCAGTGAAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCCGAGA 345
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QY 61 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGAGAGCCCCCTGTAAGCCCCAG 120  
DB 346 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGAGAGCCCCCTGTAAGCCCCAG 405  
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTTCCAGTGTCTCCCAAGTGA 180  
DB 406 CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTTCCAGTGTCTCCCAAGTGA 465  
QY 181 GTCCAGGTTATGCTGAGAGAGAGGCTGCGGGAGAGTGAAGGGGCAAGTGTGAACCTT 240  
DB 466 GTCCAGGTTATGCTGAGAGAGAGGCTGCGGGAGAGTGAAGGGGCAAGTGTGAACCTT 525  
QY 241 GCCCTCCAGGCACTTACATTTGCCACCTCAATGAGGCTTGAAGCAAGTGTCTGAGTCCAA 300  
DB 526 GCCCTCCAGGCACTTACATTTGCCACCTCAATGAGGCTTGAAGCAAGTGTCTGAGTCCAA 585  
QY 301 TGTGTACCCAGGCACTGAGGCTTCCGCGGAGAGGCGGAACTGCTCCAGAGACAGAGACGCG 360  
DB 586 TGTGTACCCAGGCACTGAGGCTTCCGCGGAGAGGCGGAACTGCTCCAGAGACAGAGACGCG 645  
QY 361 TGTGTGTTGACGAGGCACTTCTGATGCTTCCAGAGAGGCGGCACTGCGCGCT 420  
DB 646 TGTGTGTTGACGAGGCACTTCTGATGCTTCCAGAGAGGCGGCACTGCGCGCT 705  
QY 421 GCCGCGCTTACGCACTTCCAGGCGGCGGAGAGGCTGCAAGAGAGGCACTGCGCGCT 480  
DB 706 GCCGCGCTTACGCACTTCCAGGCGGCGGAGAGGCTGCAAGAGAGGCACTGCGCGCT 765  
QY 481 AGGACACCTGTTGTCAGAACTGCCCCCGGGAGACCTTCTCTCCCAATGAGACCTTGAGG 540  
DB 766 AGGACACCTGTTGTCAGAACTGCCCCCGGGAGACCTTCTCTCCCAATGAGACCTTGAGG 825  
QY 541 AATGTAGAGACGAGACCAAGTGAAGTGTGTCAGAGGCTGTCAGAGGCGGAGCTGGAGACAGCA 600  
DB 826 AATGTAGAGACGAGACCAAGTGAAGTGTGTCAGAGGCTGTCAGAGGCGGAGCTGGAGACAGCA 885  
QY 601 GCTCCCACTGAGTATGAGTGTCTCTCAGGAGAGCTGTCATGCTCATTTGTTGCTCA 660  
DB 886 GCTCCCACTGAGTATGAGTGTCTCTCAGGAGAGCTGTCATGCTCATTTGTTGCTCA 945  
QY 661 CAGTTGGCTTAATCATATGTTGTAAGAAAGCAAGGGGTGATGATCAAGTGA 720  
DB 946 CAGTTGGCTTAATCATATGTTGTAAGAAAGCAAGGGGTGATGATCAAGTGA 1005  
QY 721 TGTCTCTCTCCAGGCGGAGAGAGAGAGGCTGTCAGAGGCTGTCATGCTCATTTGTTGCTCA 780  
DB 1006 TGTCTCTCTCCAGGCGGAGAGAGAGAGGCTGTCAGAGGCTGTCATGCTCATTTGTTGCTCA 1065  
QY 781 TGCAGGCGCTCTCCAGGAGTCAACAGGCTGCGGTGAGAGAGCAATTAACCTCATTTCAAGG 840  
DB 1066 TGCAGGCGCTCTCCAGGAGTCAACAGGCTGCGGTGAGAGAGCAATTAACCTCATTTCAAGG 1125  
QY 841 GAGAGAGCCCAACCACTGAGCCCAAGACTTGTGCAACCCCGA 881  
DB 1126 GAGAGAGCCCAACCACTGAGCCCAAGACTTGTGCAACCCCGA 1166

RESULT 4  
PCT-US96-12374-1  
Sequence 1, Application PC/TUS9612374  
GENERAL INFORMATION:  
APPLICANT: Northwestern University  
TITLE OF INVENTION: Herpes Virus Entry Mediator  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dressler, Goldsmith, Milnamow & Katz, Ltd.  
STREET: 180 N. Stetson, Suite 4700  
CITY: Chicago  
STATE: Illinois  
COUNTRY: U.S.A.  
ZIP: 60601  
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/12374  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Northrup, Thomas E.  
REGISTRATION NUMBER: 33,268  
REFERENCE/DOCKET NUMBER: NOR3446P020PC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 616-5400  
TELEFAX: (312) 616-5460  
TELEX: --  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1724 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 294..1145  
NAME/KEY: mat\_peptide  
LOCATION: 294..1142  
PCT-US96-12374-1

Query Match 99.1%; Score 873; DB 5; Length 1724;

Best Local Similarity 99.4%; Pred. No. 2,5e-233;

Matches 876; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 CCTGAGGATGAGAGCTCTCTGAGAGCTGAGGAGCTCTCTCTGAGATCAACCCAGAA 60  
DB 286 CTTGAGGATGAGAGCTCTCTGAGAGCTGAGGAGCTCTCTCTGAGATCAACCCAGAA 345  
QY 61 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGAGAGCCCCCTGTAAGCCCCAG 120  
DB 346 CCGAGCTTTGAGGCTGCTGCTGATCTCACTTCTGAGAGCCCCCTGTAAGCCCCAG 405  
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTTCCAGTGTCTCCCAAGTGA 180  
DB 406 CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTTCCAGTGTCTCCCAAGTGA 465  
QY 181 GTCCAGGTTATGCTGAGAGAGAGGCTGCGGGAGAGTGAAGGGGCAAGTGTGAACCTT 240  
DB 466 GTCCAGGTTATGCTGAGAGAGAGGCTGCGGGAGAGTGAAGGGGCAAGTGTGAACCTT 525  
QY 241 GCCCTCCAGGCACTTACATTTGCCACCTCAATGAGGCTTGAAGCAAGTGTCTGAGTCCAA 300  
DB 526 GCCCTCCAGGCACTTACATTTGCCACCTCAATGAGGCTTGAAGCAAGTGTCTGAGTCCAA 585  
QY 301 TGTGTACCCAGGCACTGAGGCTTCCGCGGAGAGGCGGAACTGCTCCAGAGACAGAGACGCG 360  
DB 586 TGTGTACCCAGGCACTGAGGCTTCCGCGGAGAGGCGGAACTGCTCCAGAGACAGAGACGCG 645  
QY 361 TGTGTGTTGACGAGGCACTTCTGATGCTTCCAGAGAGGCGGCACTGCGCGCT 420  
DB 646 TGTGTGTTGACGAGGCACTTCTGATGCTTCCAGAGAGGCGGCACTGCGCGCT 705  
QY 421 GCCGCGCTTACGCACTTCCAGGCGGCGGAGAGGCTGCAAGAGAGGCACTGCGCGCT 480  
DB 706 GCCGCGCTTACGCACTTCCAGGCGGCGGAGAGGCTGCAAGAGAGGCACTGCGCGCT 765  
QY 481 AGGACACCTGTTGTCAGAACTGCCCCCGGGAGACCTTCTCTCCCAATGAGACCTTGAGG 540  
DB 766 AGGACACCTGTTGTCAGAACTGCCCCCGGGAGACCTTCTCTCCCAATGAGACCTTGAGG 825  
QY 541 AATGTAGAGACGAGACCAAGTGAAGTGTGTCAGAGGCTGTCAGAGGCGGAGCTGGAGACAGCA 600

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Db      826  AATGTAGACACCAAGATGACGCTGTGTGAGGAAGCCGAGCTGGAGCCAGCA 885
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Qy      661  CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAGGTGA 720
Db      946  CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAGGTGA 1005
Qy      721  TCGTCTCCCTCCAGGAGAAAGACAGGAGGAGAGGAGGAGGAGGAGGAGGAGGAG 780
Db      1006  TCGTCTCCCTCCAGGAGAAAGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1065
Qy      781  TGGAGGCCCCCTCCGAGAGTCACACAGGTGGCCCTGTGAGAGACAAATACCTTCATTCAGG 840
Db      1066  TGGAGGCCCCCTCCGAGAGTCACACAGGTGGCCCTGTGAGAGACAAATACCTTCATTCAGG 1125
Qy      841  GAGAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGA 881
Db      1126  GAGAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGA 1166

RESULT 5
US-09-146-950-1
; Sequence 1, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Buefield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1929
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (297)...(875)
US-09-146-950-1

Query Match      78.2%; Score 688.8; DB 3; Length 1929;
Best Local Similarity 82.9%; Pred. No. 4,4e-182;
Matches 879; Conservative 0; Mismatches 2; Indels 179; Gaps 1;
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Qy      361  TGTGTGTTGACAGCCAGCCACTTCTGCTGCTCCAGAGCGGGACCACTGCGCCGCT 420
Db      649  TGTGTGTTGACAGCCAGCCACTTCTGCTGCTCCAGAGCGGGACCACTGCGCCGCT 708
Qy      421  GCCGCGCTTACGCACTTCAGCCCGGGCCAGAGGGTGTGAGAGGAGGACCGAGAGTC 480
Db      709  GCCGCGCTTACGCACTTCAGCCCGGGCCAGAGGGTGTGAGAGGAGGACCGAGAGTC 768
Qy      481  AGGACACCCCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCATGAGACCTTGAGG 540
Db      769  AGGACACCCCTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCATGAGACCTTGAGG 828
Qy      541  AATGTAGACCAACCA----- 559
Db      829  AATGTAGACCAACCAACCGAGCTTGGAAAAGTCAGACAGACTCTGAGTCTCATCC 888
Qy      560  ----- 559
Db      889  TGGAGTGCACCAAGCCAGCCTCCTGAGACCTGTCTTCACTGCTGGGGCCCTGGAG 948
Qy      560  ----- 559
Db      949  CAGGAGAGGCTCCCTGAGGCTGAGTAACACTGGGGCTTGCACTGCTCTCCAGGTCC 1008
Qy      560  -----GTGCACTGCTGCTGAGCAAGAGCCGAGCTGGAGCAAGAG 601
Db      1009  TCGGCCCACTCCCGAGAGTGGAGCTGCTGCTGAGCAAGAGCCGAGCTGGAGCAAGAG 1068
Qy      602  CTCGCCACTGGATATGTTGTTCTCTCAGGAGCCCTGTCATGCTATTTGTTGCTCCAC 661
Db      1069  CTCGCCACTGGATATGTTGTTCTCTCAGGAGCCCTGTCATGCTATTTGTTGCTCCAC 1128
Qy      662  AGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGAT 721
Db      1129  AGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGAT 1188
Qy      722  CGTCTCCCTCCAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 781
Db      1189  CGTCTCCCTCCAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1248
Qy      782  GCAGGCCCCCTCCGAGAGTCACACAGGTGGCCGTGAGAGAGACAAATACCTTCATTCAGGG 841
Db      1249  GCAGGCCCCCTCCGAGAGTCACACAGGTGGCCGTGAGAGAGACAAATACCTTCATTCAGGG 1308
Qy      842  GAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGA 881
Db      1309  GAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGA 1348

RESULT 6
US-09-146-950-17
; Sequence 17, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Buefield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 1596
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-17

Query Match      76.2%; Score 671.4; DB 3; Length 1596;
Best Local Similarity 84.9%; Pred. No. 2,9e-177;
Matches 780; Conservative 0; Mismatches 101; Indels 38; Gaps 1;
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QY      1 CTTAGGACATGAGGCTCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 60
Db      99 CTTAGGACATGAGGCTCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 158
QY      61 CCGACGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCGAG 120
Db     159 CCGACGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCGAG 218
QY     121 CTGTGCGGCTGTGAGGAGGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAAGTGA 180
Db     219 CTGTGCGGCTGTGAGGAGGAGAGAGATCCAGTGGGCTCCGAGTCTGTGCCCAAGTGA 278
QY     181 GTCCAGGTTATCTGTGAAAGAGGCTGTGCGGAGGCTGACGGGACAGTGTGAAACCTT 240
Db     279 GTCCAGGTTATCTGTGAAAGAGGCTGTGCGGAGGCTGACGGGACAGTGTGAAACCTT 338
QY     241 GCCCTTCAGGACCTTACATTGCTCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAA 300
Db     339 GCCCTTCAGGACCTTACATTGCTCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAA 398
QY     301 TGTGTACCCAGGCTATGGGCTGTGCGGAGCGGAGAGCTGTCCAGAGACAGAGAACGCCG 360
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QY     361 TGTGTGTTGACAGCCCGAGGCACTTGTGCATCTGTCCAGAGACGGGACCACTGCGCGCT 420
Db     459 TGTGTGTTGACAGCCCGAGGCACTTGTGCATCTGTCCAGAGACGGGACCACTGCGCGCT 518
QY     421 GCCGCGCTTACCGCACTTCAGGCGCGGAGCGGAGGCTGCAAGAGGAGGACCGAGAGTC 480
Db     519 GCCGCGCTTACCGCACTTCAGGCGCGGAGCGGAGGCTGCAAGAGGAGGACCGAGAGTC 578
QY     481 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGGGACCTTGGAG 540
Db     579 AGGACACCCGTTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGGGACCTTGGAG 638
QY     541 AATGTGACGACCAAGCAAGTG----- 562
Db     639 AATGTGACGACCAAGCAATTTGGCTTAATCATATGTGTGAAAAAGAAAGCAAGGGGT 698
QY     639 CAGCTGCTGTGTGACGAGGCGGAGCTGGAGACAGACGCTCCCACTGGGTATGTGTGTT 622
Db     699 GAGCACCGCGGCGCCCATCAGGGCTCATGTCCCCGAGCGTCACTTGGAGCTGTGTC 758
QY     623 TCTTCAGGAGGAGCTGTGATGTGCTATTGTTGTCTCCACAGTTGGCTTAATCATATGTGT 682
Db     755 ACCCCAGGCTGTGAGAGGTGGCCCGAGAGCTTTTTCAGAGATCCGGGCTCTTCCAGGGCA 818
QY     683 GAAAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTATCTCTCCGTCAAGGAAAG 742
Db     819 GCCACTGACAGGCTGGGGGAGGTGATGTATCAAGGTATCTCTCATTCACAGCGAAAG 878
QY     743 ACAGAGGAGCAAGGTGAGGCAAGTCAATTAGGCTCTGACAGGCCCTCCGAGAGTGCAC 802
Db     879 ACAGAGGAGCAAGGTGAGGCAAGTCAATTAGGCTCTGACAGGCCCTCCGAGAGTGCAC 938
QY     803 CAGGTTGCGGTGTGAGGAGCAATACCTCATTCACGGGAGAGAGCCCAACCACTGAC 862
Db     939 CAGGTTGCGGTGTGAGGAGCAATACCTCATTCACGGGAGAGAGCCCAACCACTGAC 998
QY     863 CACAGACTGTGACCCCGA 881
Db     999 CACAGACTGTGACCCCGA 1017
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RESULT 7
US-08-509-024-6
; Sequence 6, Application US/08509024B
; Patent No. 6291207
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
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; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/08/509,024B
; CURRENT FILING DATE: 1995-07-25
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-509-024-6
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Query Match          64.0%; Score 563.4; DB 3; Length 4622;
Best Local Similarity 99.8%; Pred. No. 4,7e-147;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1 CTTAGGACATGAGGCTCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 60
Db     56 CTTAGGACATGAGGCTCTCTGAGAGACTGGGGGCTCTCTCCCTGAGATCCACCCCGAA 115
QY     61 CCGAGGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCGAG 120
Db    116 CCGAGGCTTTGAGGCTGTGTCTGTATCTCACTTTCTGGGAGCCCCCTGTGACGCCCGAG 175
QY    121 CTGTGCGGCTGTGAGGAGAGAGAGTACCCAGTGGGCTCCGAGTCTGCCCAAGTGA 180
Db    176 CTGTGCGGCTGTGAGGAGAGAGAGTACCCAGTGGGCTCCGAGTCTGCCCAAGTGA 235
QY    181 GTCCAGGTTATCTGTGAAAGAGGCTGTGCGGAGGCTGACGGGACAGTGTGAAACCTT 240
Db    236 GTCCAGGTTATCTGTGAAAGAGGCTGTGCGGAGGCTGACGGGACAGTGTGAAACCTT 295
QY    241 GCCCTTCAGGACCTTACATTGCTCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAA 300
Db    296 GCCCTTCAGGACCTTACATTGCTCCACTCAATGGCTTAAGCAAGTGTCTGACGTCCAA 355
QY    301 TGTGTGACCCAGGACCTGAGGCTGTGCGGAGCGGAGACTGTCTCCAGAGACAGAGAGCGCG 360
Db    356 TGTGTGACCCAGGACCTGAGGCTGTGCGGAGCGGAGACTGTCTCCAGAGAGAGAGAGCGCG 415
QY    361 TGTGTGTTGACAGCCCGAGGCACTTGTGCATCTGTCCAGAGACGGGACCACTGCGCGCT 420
Db    416 TGTGTGTTGACAGCCCGAGGCACTTGTGCATCTGTCCAGAGACGGGACCACTGCGCGCT 475
QY    421 GCCGCGCTTACCGCACTTCAGGCGCGGAGCGGAGGCTGCAAGAGGAGGACACCGAGATC 480
Db    476 GCCGCGCTTACCGCACTTCAGGCGCGGAGCGGAGGCTGCAAGAGGAGGACACCGAGATC 535
QY    481 AGGACACCCGTTGTGACAGACTGCCCCCGGGGACTTCTTCCCAATGGGAGCCCTGAGAG 540
Db    536 AGGACACCCGTTGTGACAGACTGCCCCCGGGGACTTCTTCCCAATGGGAGCCCTGAGAG 595
QY    541 AATGTGACGACCAAGCAAGTGCAG 565
Db    596 AATGTGACGACCAAGCAAGTGCAG 620
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RESULT 8
US-09-333-279-6
; Sequence 6, Application US/09333279
; Patent No. 6303336
; GENERAL INFORMATION:
; APPLICANT: SPEAR, Patricia G.
; APPLICANT: MONTGOMERY, Rebecca I.
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
; FILE REFERENCE: 0290-1
; CURRENT APPLICATION NUMBER: US/09/333,279
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4622
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-333-279-6

Query Match 64.0%; Score 563.4; DB 4; Length 4622;  
Best Local Similarity 99.8%; Pred. No. 4,7e-147;  
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 60  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115  
QY 56 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115  
QY 61 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 120  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 175  
QY 121 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 180  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235  
QY 176 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235  
QY 181 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 240  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 295  
QY 241 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 300  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 355  
QY 296 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 355  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 415  
QY 301 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 360  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 415  
QY 361 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 420  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 475  
QY 421 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 480  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 535  
QY 476 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 540  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
QY 481 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 540  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
QY 541 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 620

## RESULT 9

US-09-631-780-6  
Sequence 6, Application US/09631780  
Patent No. 6573058  
GENERAL INFORMATION:  
APPLICANT: SPEAR, Patricia G.  
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN  
FILE REFERENCE: 0290-1  
CURRENT APPLICATION NUMBER: US/09/631,780  
PRIORITY FILING DATE: 2000-08-03  
PRIORITY APPLICATION NUMBER: US/08/509,024B  
PRIORITY FILING DATE: 1995-07-25  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 6  
LENGTH: 4622  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-631-780-6

Query Match 64.0%; Score 563.4; DB 4; Length 4622;  
Best Local Similarity 99.8%; Pred. No. 4,7e-147;  
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 60

DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 115  
QY 61 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 120  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 175  
QY 121 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 180  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235  
QY 176 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 235  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 240  
QY 181 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 295  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 355  
QY 241 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 300  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 355  
QY 296 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 355  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 415  
QY 301 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 360  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 415  
QY 361 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 420  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 475  
QY 421 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 480  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 535  
QY 476 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 540  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
QY 481 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 540  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
QY 541 CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 595  
DB CTTGAGGCAATGAGACCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAA 620

## RESULT 10

US-09-146-950-3  
Sequence 3, Application US/09146950A  
Patent No. 6287808  
GENERAL INFORMATION:  
APPLICANT: Busfield, Samantha J.  
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
FILE REFERENCE: 09404/057001  
CURRENT APPLICATION NUMBER: US/09/146,950A  
PRIORITY FILING DATE: 1998-09-03  
PRIORITY APPLICATION NUMBER: US/09/146,950A  
PRIORITY FILING DATE: 1998-09-03  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 579  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-146-950-3

Query Match 62.4%; Score 549.8; DB 3; Length 579;  
Best Local Similarity 98.8%; Pred. No. 1.3e-143;  
Matches 554; Conservative 0; Mismatches 7; Indels 0; Gaps 0;  
QY 9 ATGAGGCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAACTGAGT 68  
DB ATGAGGCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAACTGAGT 60  
QY 69 TTGAGGCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAACTGAGT 128  
DB TTGAGGCTCTCTGAGACATGAGGAGCTCTCTCTCTGAGATCCACCCCGAGAACTGAGT 120  
QY 129 TCTGAGGAGGAGGAGTACCGAGTGGCTCTGAGTGGTCCGAGTGGTCCGAGTCCAGT 188  
DB TCTGAGGAGGAGGAGTACCGAGTGGCTCTGAGTGGTCCGAGTGGTCCGAGTCCAGT 188

Db 121 TCTGCAAGAGAGCAATGCCAGTGGCTCCAGTGTCTCCCAAGTGCAGTCCAGGT 180  
Qy 189 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGAACCTGCTCCCA 248  
Db 181 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGTGAACCTGCTCCCA 240  
Qy 249 GGCACCTAATGCTCCCACTCAATGAGCTTAAGCAAGTGTGTGCAAGTGTGAC 308  
Db 241 GGCACCTAATGCTCCCACTCAATGAGCTTAAGCAAGTGTGTGCAAGTGTGAC 300  
Qy 309 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 368  
Db 301 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 360  
Qy 369 TGCAGCCAGGACCACTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGTGCGCGCT 428  
Db 361 TGCAGCCAGGACCACTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGTGCGCGCT 420  
Qy 429 TACGCCACCTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGCAC 488  
Db 421 TACGCCACCTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGCAC 480  
Qy 489 CTGTGTCAAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTGGAGAGATGTGAC 548  
Db 481 CTGTGTCAAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTGGAGAGATGTGAC 540  
Qy 549 CACGAGACCAAGTGCAGCTGG 569  
Db 541 CACGAGACCAAGTGCAGCTGG 561

## RESULT 11

US-09-146-950-19  
; Sequence 19, Application US/09146950A  
; Patent No. 6287808  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF  
; FILE REFERENCE: 09404/057001  
; CURRENT APPLICATION NUMBER: US/09/146,950A  
; CURRENT FILING DATE: 1998-09-03  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 19  
; LENGTH: 591  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-146-950-19

Query Match 62.3%; Score 549.2; DB 3; Length 591;  
Best Local Similarity 99.5%; Pred. No. 1.9e-143;  
Matches 551; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCGAGAACGACGTC 68  
Db 1 ATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATCCACCCGAGAACGACGTC 60  
Qy 69 TTGAGGCTGTGTGTATCTCACTCTCTGAGAGCCCTCTGCTAGCGCCGCTGTGCG 128  
Db 61 TTGAGGCTGTGTGTATCTCACTCTCTGAGAGCCCTCTGCTAGCGCCGCTGTGCG 120  
Qy 129 TCTTGAAGAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCCAAGTGCAGTCCAGGT 188  
Db 121 TCTTGAAGAGAGAGAGTACCAGTGGGCTCCAGTGTGTGCCCCAAGTGCAGTCCAGGT 180  
Qy 189 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGTGAACCTGCTCCCA 248  
Db 181 TATCGTGAAGAGAGCTGCGGGAGCTGACGGGACAGATGTGTGAACCTGCTCCCA 240  
Qy 249 GGCACCTAATGCTCCCACTCAATGAGCTTAAGCAAGTGTGTGCAAGTGTGAC 308  
Db 241 GGCACCTAATGCTCCCACTCAATGAGCTTAAGCAAGTGTGTGCAAGTGTGAC 300

Qy 309 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 368  
Db 301 CCAAGCATGGGCTGGCGCGAGACCGGAACTGCTCCAGACAGAGAACCGCTGTGTGT 360  
Qy 369 TGCAGCCAGGACCACTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGTGCGCGCT 428  
Db 361 TGCAGCCAGGACCACTTGTGATGCTCCAGAGAGGGGACCACTGCGCGGTGCGCGCT 420  
Qy 429 TACGCCACCTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGCAC 488  
Db 421 TACGCCACCTCCAGCCCGGGCCAGAGGCTGCAGAGAGGAGGACCGAGAGTCAAGCAC 480  
Qy 489 CTGTGTCAAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTGGAGAGATGTGAC 548  
Db 481 CTGTGTCAAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTGGAGAGATGTGAC 540  
Qy 549 CACGAGACCAAGTGCAGCTGG 562  
Db 541 CACGAGACCAAGTGCAGCTGG 554

## RESULT 12

US-09-016-434-937  
; Sequence 937, Application US/09016434  
; Patent No. 6500938

## GENERAL INFORMATION:

APPLICANT: Janice Au-Young

TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING

TITLE OF INVENTION: PATHWAY GENE EXPRESSION

NUMBER OF SEQUENCES: 1490

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016,434

FILING DATE: HERewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0002 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 937:

SEQUENCE CHARACTERISTICS:

LENGTH: 976 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: MYOMOT01

CLONE: 778806

US-09-016-434-937

Query Match 42.1%; Score 370.6; DB 4; Length 976;  
Best Local Similarity 84.0%; Pred. No. 1.1e-93;  
Matches 493; Conservative 0; Mismatches 4; Indels 90; Gaps 3;

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QY 1 CTTGAGGATGAGAGCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATGCCACCCCGAGAA 60
DB 113 CTTGAGGATGAGAGCTCTGAGAGCTGGGGGCTCTCTCTCTGAGATGCCACCCCGAGAA 172
QY 61 CCGAGCTCTGAGAGCTGCTGATATCACTTCTCTGGAGAGCCCTGCTAGAGCCCGAG 120
DB 173 CCGAGCTCTGAGAGCTGCTGATATCACTTCTCTGGAGAGCCCTGCTAGAGCCCGAG 232
QY 121 CTCTGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
DB 233 CTCTGCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 232
QY 181 GTCCAGGTTATCTGTGTAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
DB 293 GTCCAGGTTATCTGTGTAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 349
QY 241 GCCCTCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
DB 350 GCCCTCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 409
QY 301 TGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
DB 410 TGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 417
QY 361 TGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
DB 418 TGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 443
QY 421 GCCGCGCTTACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
DB 444 GCCGCGCTTACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 503
QY 481 AGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 539
DB 504 AGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 563
QY 540 GAATGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 586
DB 564 GAATGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 610

RESULT 13
US-09-146-950-6
; Sequence 6, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-6

Query Match 12.9%; Score 114; DB 3; Length 114;
Best Local Similarity 100.0%; Pred. No. 1.1e-22;
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 9 ATGAGAGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 68
DB 1 ATGAGAGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 60

Query Match 12.8%; Score 112.4; DB 3; Length 114;
Best Local Similarity 99.1%; Pred. No. 3.1e-22;
Matches 113; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 69 TTGAGGCTGTGCTGTATCTCACTTCTCTGGAGAGCCCTGCTAGAGCCCGAGCT 122
DB 61 TTGAGGCTGTGCTGTATCTCACTTCTCTGGAGAGCCCTGCTAGAGCCCGAGCT 114

RESULT 14
US-09-146-950-22
; Sequence 22, Application US/09146950A
; Patent No. 6287808
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J.
; TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
; FILE REFERENCE: 09404/057001
; CURRENT APPLICATION NUMBER: US/09/146,950A
; CURRENT FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-950-22

Query Match 12.8%; Score 112.4; DB 3; Length 114;
Best Local Similarity 99.1%; Pred. No. 3.1e-22;
Matches 113; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
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RESULT 15
US-09-326-394-3
; Sequence 3, Application US/09326394
; Patent No. 6306820
; GENERAL INFORMATION:
; APPLICANT: Bendele, Allison M.
; APPLICANT: Benello, Regina M.
; TITLE OF INVENTION: COMBINATION THERAPY USING A TNF BINDING
; TITLE OF INVENTION: PROTEIN FOR TREATING TNF-MEDIATED DISEASES
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 DeHavilland Drive
; CITY: Thousand Oaks
; STATE: CA
; COUNTRY: US
; ZIP: 91320-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/326,394
; FILING DATE: 08-DEC-1997
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,587
; FILING DATE: 06-DEC-1996
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 60/036,355
; FILING DATE: 23-JAN-1997
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 60/039,315
; FILING DATE: 07-FEB-1997
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 60/052,023
; FILING DATE: 09-JUL-1997
; ATTORNEY/AGENT INFORMATION:
```

NAME: Zindrick, Thomas K.  
REGISTRATION NUMBER: 32,185  
REFERENCE/DOCKET NUMBER: A-430D  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 705 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..705  
US-09-326-394-3

Query Match 6.9%; Score 60.4; DB 4; Length 705;  
Best Local Similarity 46.9%; Pred. No. 1.8e-07;  
Matches 224; Conservative 0; Mismatches 251; Indels 3; Gaps 1;  
QY 164 GTGCTGCCCCAAGTGCAGTTCAGGTATCGTGAAGAGGCGCTGCGGGAGCTGACGGG 223  
DB 90 GTGCTGCAGAAAGTGTCTGCGCGGCCAATGAAAGTCTTGTACCAAGACTCGGA 149  
QY 224 CACAGTGTGAACCTGCGCTTCAGGCACTACATTGCCCACTCAATGGCCTTAAGCA 283  
DB 150 CACCGTGTGTGACTCTGTGAGAGACATACACCCAGCTCTGGAACTGGGTTCCGA 209  
QY 284 GTGTCTGCAAGTGCAGAAATGTGTACCCAGCATGGGCTGCGGGAGCGGAACTGCTC 343  
DB 210 GTGCTTGAAGTGTG--CTCCCGCTGTAGCTTGTACCAAGTGAATCAAGCTTGAC 266  
QY 344 CAGACAGAGAAAGCCGTGTGTGTGTCAGCCCGAGCCCACTTCTGCATGTCAGAGCG 403  
DB 267 TGGGGAACAGAACCGCATCTGCACCTGCAGGCCCGGCTGTACTGCGCGCTGAGCAAGA 326  
QY 404 GGAACACTGCGCGCGCTGCGGCTTAAGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAA 463  
DB 327 GGAAGGGGTGCGCGCTGTGCGCGCGCTGCGCAAGTGCAGCCCGGGCTTCGGCGTGCCAG 386  
QY 464 GGGAGGCAACGAGAGTCAAGACACCTGTGTCAAGCTGCCCCGGGGACCTTCTCTCC 523  
DB 387 ACCAGGAATGAACATCAAGCTGTGTGCAAGCCCTGTGCCCCGGGAGCTTCTCCAA 446  
QY 524 CAATGGGACCTGTGAGAAATGTCAAGACCAAGACCAAGTGAAGCTGTGTGACGAAGGC 583  
DB 447 CACGACTTATCAACGAGATATTGCAAGGCCCAACGATCTGTAACTGTGTGCTATCCC 506  
QY 584 CCGAGCTGGGACCAAGCAGCTCCCACTGGGTATGTGTGTTCTCTCAGGGAGCCTCGTC 641  
DB 507 TGGGAATGCAAGAGGAGATGCAATGTCAAGTCCACCTCCCAACCGGAGTATGGCC 564

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Job time : 66 secs

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QY 121 CTCTGCGCTCTGCAAGAGAGACGATACCCAGTGGCTCCAGTCTGCCGCCCAAGTGCA 180  
DB 377 CTCTGCGCTCTGCAAGAGAGACGATACCCAGTGGCTCCAGTCTGCCGCCCAAGTGCA 436  
QY 181 GTCCAGGTTATCGGTGTAAGAGAGGCTGCGGGAGCTGAGAGGAGACAGTGTGTAACCT 240  
DB 437 GTCCAGGTTATCGGTGTAAGAGAGGCTGCGGGAGCTGAGAGGAGACAGTGTGTAACCT 436  
QY 241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCAA 300  
DB 497 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCAA 556  
QY 301 TGTGTGACCCAGCAGCAGTGGCTGCGCGGAGCCGAACTGTCTCAGAGACAGAGAACCCG 360  
DB 557 TGTGTGACCCAGCAGCAGTGGCTGCGCGGAGCCGAACTGTCTCAGAGACAGAGAACCCG 616  
QY 361 TGTGTGTTGACAGCCAGGCGCACTTTCGATTCGTCCAGAGACGAGGAGACCACTGCGCGCGT 420  
DB 617 TGTGTGTTGACAGCCAGGCGCACTTTCGATTCGTCCAGAGACGAGGAGACCACTGCGCGCGT 676  
QY 421 GCCGCGCTTACGCCACCTCCAGCCCGGAGCCAGAGGTTGACAGAGAGGACCGAGAGTC 480  
DB 677 GCCGCGCTTACGCCACCTCCAGCCCGGAGCCAGAGGTTGACAGAGAGGACCGAGAGTC 736  
QY 481 AGGACACCTGTGTGCAAGATCGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 540  
DB 737 AGGACACCTGTGTGCAAGATCGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 796  
QY 541 AATGTGACACCAAGCAAGTGCAGTGGCTGTGTGACGAGAGGCGGAGCTGGGACACGCA 600  
DB 797 AATGTGACACCAAGCAAGTGCAGTGGCTGTGTGACGAGAGGCGGAGCTGGGACACGCA 856  
QY 601 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTATGTCATGTTGTTCTCA 660  
DB 857 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTATGTCATGTTGTTCTCA 916  
QY 661 CAGTTGGCTTATCATATGTGTGAAAGAAAGAAAGCCCAAGGGGTATGTAGTCAAGTGA 720  
DB 917 CAGTTGGCTTATCATATGTGTGAAAGAAAGAAAGCCCAAGGGGTATGTAGTCAAGTGA 976  
QY 721 TCGTCTCCGTTCAGCGGAAAAAGACAGAGAGCAGAGGAGGAGGACCAAGTCAATGAGGCC 780  
DB 977 TCGTCTCCGTTCAGCGGAAAAAGACAGAGAGGAGGAGGACCAAGTCAATGAGGCC 1036  
QY 781 TGCAGGCCCCCTCCGAGCGTCAACAGGTTGGCCGTGAGAGACAATACCTCATTTCAAG 840  
DB 1037 TGCAGGCCCCCTCCGAGCGTCAACAGGTTGGCCGTGAGAGACAATACCTCATTTCAAG 1096  
QY 841 GAGAGAGCCCAAAACCATGACCCCAAGACTGTGACCCCGA 881  
DB 1097 GAGAGAGCCCAAAACCATGACCCCAAGACTGTGACCCCGA 1137

RESULT 2  
US-09-924-231-1

; Sequence 1, Application US/09924231  
; Patent No. US20020102644A1  
; GENERAL INFORMATION:  
; APPLICANT: SPEAR, Patricia G.  
; APPLICANT: MONTGOMERY, Rebecca I.  
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN  
; FILE REFERENCE: 0290-1  
; CURRENT APPLICATION NUMBER: US/09/924, 231  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 09/333, 279  
; PRIOR FILING DATE: 1999-06-15  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 1724  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-924-231-1

Query Match 99.8%; Score 879.4; DB 10; Length 1724;  
Best Local Similarity 99.9%; Pred. No. 1.1e-249;  
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCGTGAAGCATGAGAGCCTCTGAGAGACTGGGGGCTCTCTCCCTGGAATCCACCCAGAA 60  
DB 286 CCGTGAAGCATGAGAGCCTCTGAGAGACTGGGGGCTCTCTCCCTGGAATCCACCCAGAA 345  
QY 61 CCGAGCTCTTGAAGGCTGTGTGTATCTCACTTCTGAGAGCCCTGTAAGCCCAAG 120  
DB 346 CCGAGCTCTTGAAGGCTGTGTGTATCTCACTTCTGAGAGCCCTGTAAGCCCAAG 405  
QY 121 CTCTGCGCTCTGCAAGAGAGAGTACCAGTGGCTTCCAGTGTCTGCCCAAGTGCA 180  
DB 406 CTCTGCGCTCTGCAAGAGAGAGTACCAGTGGCTTCCAGTGTCTGCCCAAGTGCA 465  
QY 181 GTCCAGGTTATCGGTGTAAGAGAGGCTGCGGGAGCTGACGAGGACAGTGTGTAACCT 240  
DB 466 GTCCAGGTTATCGGTGTAAGAGAGGCTGCGGGAGCTGACGAGGACAGTGTGTAACCT 525  
QY 241 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCAA 300  
DB 526 GCCCTCCAGGACCTTACATTGCCCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCAA 585  
QY 301 TGTGTGACCCAGCAGCAGTGGCTGCGCGGAGCCGAACTGTCTCAGAGACAGAGAACCCG 360  
DB 586 TGTGTGACCCAGCAGCAGTGGCTGCGCGGAGCCGAACTGTCTCAGAGACAGAGAACCCG 645  
QY 361 TGTGTGTTGACAGCCAGGCGCACTTTCGATTCGTCCAGAGACGAGGAGACCACTGCGCGGT 420  
DB 646 TGTGTGTTGACAGCCAGGCGCACTTTCGATTCGTCCAGAGACGAGGAGACCACTGCGCGGT 705  
QY 421 GCCGCGCTTACGCCACCTCCAGCCCGGAGCCAGAGGTTGACAGAGAGGACCGAGAGTC 480  
DB 706 GCCGCGCTTACGCCACCTCCAGCCCGGAGCCAGAGGTTGACAGAGAGGACCGAGAGTC 765  
QY 481 AGGACACCTGTGTGCAAGATCGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 540  
DB 766 AGGACACCTGTGTGCAAGATCGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAGG 825  
QY 541 AATGTGACACCAAGCAAGTGCAGTGGCTGTGTGACGAGAGGCGGAGCTGGGACACGCA 600  
DB 826 AATGTGACACCAAGCAAGTGCAGTGGCTGTGTGACGAGAGGCGGAGCTGGGACACGCA 885  
QY 601 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTATGTCATGTTGTTCTCA 660  
DB 886 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTATGTCATGTTGTTCTCA 945  
QY 661 CAGTTGGCTTATCATATGTGTGAAAGAAAGAAAGCCCAAGGGGTATGTAGTCAAGTGA 720  
DB 946 CAGTTGGCTTATCATATGTGTGAAAGAAAGAAAGCCCAAGGGGTATGTAGTCAAGTGA 1005  
QY 721 TCGTCTCCGTTCAGCGGAAAAAGACAGAGAGCAGAGGAGGACCAAGTCAATGAGGCC 780  
DB 1006 TCGTCTCCGTTCAGCGGAAAAAGACAGAGAGGAGGACCAAGTCAATGAGGCC 1065  
QY 781 TGCAGGCCCCCTCCGAGCGTCAACAGGTTGGCCGTGAGAGACAATACCTCATTTCAAG 840  
DB 1066 TGCAGGCCCCCTCCGAGCGTCAACAGGTTGGCCGTGAGAGACAATACCTCATTTCAAG 1125  
QY 841 GAGAGAGCCCAAAACCATGACCCCAAGACTGTGACCCCGA 881  
DB 1126 GAGAGAGCCCAAAACCATGACCCCAAGACTGTGACCCCGA 1166

RESULT 3

US-09-934-289A-14  
; Sequence 14, Application US/09934289A  
; Patent No. US20020132297A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.



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/ TITLE OF INVENTION: NOVEL MOLECULES OF THE
/ TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
/ TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
/ FILE REFERENCE: MB1098-061CPLCN1(M)
/ CURRENT APPLICATION NUMBER: US/09/934,289A
/ PRIOR FILING DATE: 2001-08-21
/ PRIOR APPLICATION NUMBER: US 09/342,767
/ PRIOR FILING DATE: 1999-06-29
/ PRIOR APPLICATION NUMBER: US 09/146,950
/ PRIOR FILING DATE: 1998-09-03
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 14
/ LENGTH: 1724
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (294)...(1142)
US-09-934-289A-14

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Query Match      99.8%; Score 879.4; DB 10; Length 1724;
Best Local Similarity 99.9%; Pred. No. 1.1e-249;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 CCTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCAAGA 60
DB 286 CCTGAGGATGAGGCTCTCTGAGAGCTGGGGGCTCTCTCTGGAGATCCACCCCAAGA 345
QY 61 CCGAGCTCTTGAAGGCTGTGTGTATCTGATCTCTCTGGAGACCCCTGCTACGCCCGAG 120
DB 346 CCGAGCTCTTGAAGGCTGTGTGTATCTGATCTCTCTGGAGACCCCTGCTACGCCCGAG 405
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTGTCTCCCAAGTGA 180
DB 406 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCAGAGTGTCTCCCAAGTGA 465
QY 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTGAACCT 240
DB 466 GTCCAGGTTATCGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGACAGTGTGTGAACCT 525
QY 241 GCCCTTCAGGACCTACATTTGCCACTTCATATGGCTTAAGCAAGTGTCTGACAGTGCAAA 300
DB 526 GCCCTTCAGGACCTACATTTGCCACTTCATATGGCTTAAGCAAGTGTCTGACAGTGCAAA 585
QY 301 TGTGTGACCCAGCAGCATGGGCTGTGGGCGAGCCGGAACTGTCTCAGAGACAGAAAGCCCG 360
DB 586 TGTGTGACCCAGCAGCATGGGCTGTGGGCGAGCCGGAACTGTCTCAGAGACAGAAAGCCCG 645
QY 361 TGTGTGTTGAGCCAGCCAGGCACTTCTGATGCTCCAGAGACGGGGGACCACTGGCGCGGT 420
DB 646 TGTGTGTTGAGCCAGCCAGGCACTTCTGATGCTCCAGAGACGGGGGACCACTGGCGCGGT 705
QY 421 GCCGGCTTACGCCCACTTCAGCCCGGGGCGAGAGGGTGCAGAAAGGAGGCAACCGAGATC 480
DB 706 GCCGGCTTACGCCCACTTCAGCCCGGGGCGAGAGGGTGCAGAAAGGAGGCAACCGAGATC 765
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGAACTTCTCTCCAAATGGGACCTGTGAGG 540
DB 766 AGGACACCTGTGTGAGAACTGCCCCCGGGGAACTTCTCTCCAAATGGGACCTGTGAGG 825
QY 541 AATGTGACAGACAGACCAAGTGCAGTGTGTGTGAGAAAGGCGGAGCTGGGAGCCAGCA 600
DB 826 AATGTGACAGACAGACCAAGTGCAGTGTGTGTGAGAAAGGCGGAGCTGGGAGCCAGCA 885
QY 601 GCTCCACCTAGGTATGTGTGTTCTCTCAAGGAGCCTCTGATCTGATTTTGTCTCA 660
DB 886 GCTCCACCTAGGTATGTGTGTTCTCTCAAGGAGCCTCTGATCTGATTTTGTCTCA 945
QY 661 CAGTTGGCTTATCATATGTGTGAAGAAAGAAAGCAAGGGGTATGTAGTCAAGGTGA 720
DB 946 CAGTTGGCTTATCATATGTGTGAAGAAAGAAAGCAAGGGGTATGTAGTCAAGGTGA 1005

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QY 721 TGTCTCCGTCAGCGGAAAAAGACAGAGAGAGAGTGTGAGGCCACAGTATTTAGGCC 780
DB 1006 TGTCTCCGTCAGCGGAAAAAGACAGAGAGAGAGTGTGAGGCCACAGTATTTAGGCC 1065
QY 781 TGCAGGCCCCCTCCGAGCTCACACAGGTGGCCGTGTGAGAGACATATCCCTATTCAGGG 840
DB 1066 TGCAGGCCCCCTCCGAGCTCACACAGGTGGCCGTGTGAGAGACATATCCCTATTCAGGG 1125
QY 841 GGAGGAGCCCAACCACTGACCCACAGACTGTGACCCCGA 881
DB 1126 GGAGGAGCCCAACCACTGACCCACAGACTGTGACCCCGA 1166

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RESULT 4  
US-09-934-289A-41

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/ Sequence 41, Application US/09934289A
/ Patent No. US20020132297A1
/ GENERAL INFORMATION:
/ APPLICANT: Busfield, Samantha J.
/ TITLE OF INVENTION: NOVEL MOLECULES OF THE
/ TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
/ FILE REFERENCE: MB1098-061CPLCN1(M)
/ CURRENT APPLICATION NUMBER: US/09/934,289A
/ PRIOR FILING DATE: 2001-08-21
/ PRIOR APPLICATION NUMBER: US 09/342,767
/ PRIOR FILING DATE: 1999-06-29
/ PRIOR APPLICATION NUMBER: US 09/146,950
/ PRIOR FILING DATE: 1998-09-03
/ NUMBER OF SEQ ID NOS: 58
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 41
/ LENGTH: 1834
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (103)...(933)
US-09-934-289A-41

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Query Match      83.1%; Score 732.4; DB 10; Length 1834;
Best Local Similarity 99.9%; Pred. No. 3e-206;
Matches 733; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 CCTGAGGATGAGGCTCTGAGAGCTGGGGGCTCTCCCTGGAGATCCACCCCAAGA 60
DB 95 CCTGAGGATGAGGCTCTCTGAGAGCTGGGGGCTCTCTCTGGAGATCCACCCCAAGA 154
QY 61 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTCTGGAGCCCTGCTACGCCCGAG 120
DB 155 CCGAGCTCTTGAAGGCTGTGTGTATCTACCTTCTCTGGAGCCCTGCTACGCCCGAG 214
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTGA 180
DB 215 CTCTGCGCTCTGCAAGAGAGAGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTGA 274
QY 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGTGGGGAAGCTGACGGGCAAGTGTGTGAACCT 240
DB 275 GTCCAGGTTATCGTGTGAAGAGAGGCTGTGGGGAAGCTGACGGGCAAGTGTGTGAACCT 334
QY 241 GCCCTTCAGGACCTACATTTGCCCACTCAATATGAGCTTAAGCAAGTGTCTGACAGTGCAAA 300
DB 335 GCCCTTCAGGACCTACATTTGCCCACTCAATATGAGCTTAAGCAAGTGTCTGACAGTGCAAA 394
QY 301 TGTGTGACCCAGACCATGAGGCTGTGGGCGAGCGAGCTGCTCCAGAGACAGAAAGCCCG 360
DB 395 TGTGTGACCCAGACCATGAGGCTGTGGGCGAGCGAGCGAGCTGCTCCAGAGACAGAAAGCCCG 454
QY 361 TGTGTGTTGAGCCAGCCAGGCACTTCTGATGCTCCAGAGACGGGGACCACTGGCGCGGT 420
DB 455 TGTGTGTTGAGCCAGCCAGGCACTTCTGATGCTCCAGAGACGGGGACCACTGGCGCGGT 514
QY 421 GCCGGCTTACGCCCACTTCAGCCCGGGGCGAGAGGGTGCAGAAAGGAGGCAACCGAGATC 480

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Db	.515	GCCGGCCTTAACGCCA	CTCCAGCCCGGGG	CAGAAGGTG	CAGAAAGGAGCA	CCGAGAGTC	57.4
QY	481	AGGACACCTGTGT	CAGAACTGCCCC	CCGGGSACTT	CTCTCCCAATGGGAC	CCTTGGAG	54.0
Db	575	AGGACACCTGTGT	CAGAACTGCCCC	CCGGGSACTT	CTCTCCCAATGGGAC	CCTTGGAG	63.4
QY	541	AATGTGAGCACC	AGACCAAGTGA	GCTGTGTACAA	AGGACGGAAGTGGAC	ACAGCA	60.0
Db	635	AATGTGAGCACC	AGACCAAGTGA	GCTGTGTACAA	AGGACGGAAGTGGAC	ACAGCA	63.4
QY	601	GCTCCCACTGG	GTATGTTGTT	CTCTCAGGAGC	CTGTCATCGCTA	TTGTTTGTC	66.0
Db	695	GCTCCCACTGG	GTATGTTGTT	CTCTCAGGAGC	CTGTCATCGCTA	TTGTTTGTC	75.4
QY	661	CATTGGGCTTA	ATCATATGTG	AAAAAGAAACC	CAAGGGGTATGT	TAATCAAGTGA	72.0
Db	755	CATTGGGCTTA	ATCATATGTG	AAAAAGAAACC	CAAGGGGTATGT	TAATCAAGTGA	81.4
QY	721	TCGTCCTCGT	CCAG	734			
Db	815	TCGTCCTCGT	CCAG	828			

## RESULT 5

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US-09-934-289A-43
Sequence 43, Application US/09934289A
Patent No. US20020132297A1
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE
TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED
TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
FILE REFERENCE: MB1098-061CPCIN (M)
CURRENT APPLICATION NUMBER: US/09/934,289A
CURRENT FILING DATE: 2001-08-21
PRIOR APPLICATION NUMBER: US 09/342,767
PRIOR FILING DATE: 1999-06-29
PRIOR APPLICATION NUMBER: US 09/146,950
PRIOR FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 43
LENGTH: 831
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(831)
US-09-934-289A-43

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Query Match	82.2%;	Score 724.4;	DB 10;	Length 831;
Best Local Similarity	99.9%;	Pred. No. 5.9e-204;		
Matches 725; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

[illegible]

Dp	24	GGACCTTAATGTCGCCACCTCAATGAGCTTAAGCAAGTGTGCGAGTCCAAATGTGTGAC	3 00
Qy	309	CCAGGCATGGGCGCTGGGGCGAGCGCGGAACGTCTCCAGGACAGAGAAAGCGGTGTGTGCT	3 68
Dp	301	CCAGCCATGGGCGCTGGGGCGAGCGCGGAACGTCTCCAGGACAGAGAAAGCGGTGTGTGCG	3 60
Qy	369	TGCAGCCAGGCGCACTTCTGTCACTGTCCAGGACGCGGGAACCACTGGCGCGGTGCGCGCT	4 28
Dp	361	TGCAGCCCGAGGCGCACTTCTGTCACTGTCCAGGACGCGGGAACCACTGCGCGGTGCGCGCT	4 20
Qy	429	TAGGCACCTCCAGCGCCGGGCGCAGGGGTGTGAGAAAGGAGGACACCGAGATCCAGAGACC	4 88
Dp	421	TAGGCACCTCCAGCGCCGGGCGCAGGGGTGTGAGAAAGGAGGACACCGAGATCCAGAGACC	4 80
Qy	489	CTGTGTCCAGAACTGCCCCCGGGGGAACCTTCTCTCCCATATGGAACCTGAGAGAAATGCAG	5 48
Dp	481	CTGTGTCCAGAACTGCCCCCGGGGGAACCTTCTCTCCCATATGGAACCTGAGAGAAATGCAG	5 40
Qy	549	CACCAACACCAAGTGCAGCTGCTGTGTACGAAAGCCGGAAGCTGGGACACAGACGTCCAC	6 08
Dp	541	CACCAACACCAAGTGCAGCTGCTGTGTACGAAAGCCGGAAGCTGGGACACAGACGTCCAC	6 00
Qy	609	TGGGTATGGGTGTTCTCTCAGGGAGCCTCGTCATTCGTCACTTGTCTCTCCAGATTGGC	6 68
Dp	601	TGGGTATGGGTGTTCTCTCAGGGAGCCTCGTCATTCGTCACTTGTCTCTCCAGATTGGC	6 60
Qy	669	CTAATCATATGTGTGAAAAGAAAGAACCCAGAGGGGTGATGTAGTCAGAGTGATGCTCC	7 28
Dp	661	CTAATCATATGTGTGAAAAGAAAGAACCCAGAGGGGTGATGTAGTCAGAGTGATGCTCC	7 20
Qy	729	GTCGAG 734	
Dp	721	GTCGAG 726	

## RESULT 6

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US-09-934-289A-1
: Sequence 1, Application US/09934289A
: Patent No. US20020132297A1
: GENERAL INFORMATION:
: APPLICANT: Busfield, Samantha J.
: TITLE OF INVENTION: NOVEL MOLECULES OF THE
: TITLE OF INVENTION: HRPSPSVIRUS-ENTRY-MEDIATOR-RELATED
: TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF
: FILE REFERENCE: MB1098-061CPLCN1(M)
: CURRENT APPLICATION NUMBER: US/09/934, 289A
: CURRENT FILING DATE: 2001-08-21
: PRIOR APPLICATION NUMBER: US 09/342,767
: PRIOR FILING DATE: 1999-06-29
: PRIOR APPLICATION NUMBER: US 09/146,950
: PRIOR FILING DATE: 1998-09-03
: NUMBER OF SEQ ID NOS: 58
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 1
: LENGTH: 1929
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (257)...(875)
: US-09-934-289A-1

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Query Match	78.2%;	Score 688.8;	DB 10;	Length 1929;
Best Local Similarity	82.9%;	Pred. No. 2.4e-193;		
Matches 879;	Conservative 0;	Mismatches 2;	Indels 179;	Gaps 1

Qy	Db
61	289
349	289



Db 819 GCCACTCAGGCTGGGGCAGGTGATGATCAAGGTATGCTTCATCCAGCGGAAG 878  
Qy 743 ACAGAGGACGAAGAGTGAAGGCCAGTCAATGAGCCCTGAGAGCCCTCCGAGCTAC 802  
Db 879 ACAGAGGACGAAGAGTGAAGGCCAGTCAATGAGCCCTGAGAGCCCTCCGAGCTAC 938  
Qy 803 CACGTTGCGCTGAGAGAGCAATATCCCTCATTCAGGGGAGAGGCCCAACCTGACC 862  
Db 939 CACGTTGCGCTGAGAGAGCAATATCCCTCATTCAGGGGAGAGGCCCAACCTGACC 938  
Qy 863 CACGACTCTGACCCCGA 881  
Db 999 CACGACTCTGACCCCGA 1017

RESULT 8  
US-09-924-231-6

; Sequence 6, Application US/09924231  
; Patent No. US2002010264A1  
; GENERAL INFORMATION:  
; APPLICANT: SPEAR, Patricia G.  
; APPLICANT: MONTGOMERY, Rebecca I.  
; TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN  
; FILE REFERENCE: 0290-1  
; CURRENT APPLICATION NUMBER: US/09/924,231  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 09/333,279  
; PRIOR FILING DATE: 1999-06-15  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 4622  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-924-231-6

Query Match 64.0%; Score 563.4; DB 10; Length 4622;  
Best Local Similarity 99.8%; Pred. No. 3,36-156;  
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGAGATCCACCCCGAGA 60  
Db 56 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGAGATCCACCCCGAGA 115  
Qy 61 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 120  
Db 116 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 175  
Qy 121 CTCTGCGCTCTGAGAGAGAGATACCCAGTGGGCTCCGAGTGTCTCCCAAGTGA 180  
Db 176 CTCTGCGCTCTGAGAGAGAGATACCCAGTGGGCTCCGAGTGTCTCCCAAGTGA 235  
Qy 181 GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240  
Db 236 GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 295  
Qy 241 GCCCTCCAGGACCTACATTCGCCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 300  
Db 296 GCCCTCCAGGACCTACATTCGCCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 355  
Qy 301 TGTGTGACCCAGCCATGGGCTGTGCGCGGAGCCGGAACTGCTCCAGACAGAACCGCG 360  
Db 356 TGTGTGACCCAGCCATGGGCTGTGCGCGGAGCCGGAACTGCTCCAGACAGAACCGCG 415  
Qy 361 TGTGTGTTGAGCGCCAGGCACTTCTGATCGTCCAGAGCGGGAGCACTGCGCGGT 420  
Db 416 TGTGTGTTGAGCGCCAGGCACTTCTGATCGTCCAGAGCGGGAGCACTGCGCGGT 475  
Qy 421 GCCGCGTTAAGCCAGCTTCAGCCCGGAGCAGAGGTGACAGAGGAGCCAGAGATC 480  
Db 476 GCCGCGTTAAGCCAGCTTCAGCCCGGAGCAGAGGTGACAGAGGAGCCAGAGATC 535

Qy 481 AGGACACCTCTGTCTGAAGTGTGCCCCCGGGGACCTTCTCTCCCATGAGACCTTGAGG 540  
Db 536 AGGACACCTCTGTCTGAAGTGTGCCCCCGGGGACCTTCTCTCCCATGAGACCTTGAGG 595  
Qy 541 AATGTGAGCAGCAGACCAAGTGAG 565  
Db 596 AATGTGAGCAGCAGACCAAGTGAG 620

## RESULT 9

US-09-934-289A-29  
; Sequence 29, Application US/09934289A  
; Patent No. US20020132297A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE  
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF  
; FILE REFERENCE: MB1098-061CP1CN1(M)  
; CURRENT APPLICATION NUMBER: US/09/934,289A  
; PRIOR FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: US 09/342,767  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR APPLICATION NUMBER: US 09/146,950  
; PRIOR FILING DATE: 1998-09-03  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 29  
; LENGTH: 2313  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (85)...(642)  
US-09-934-289A-29

Query Match 63.1%; Score 555.8; DB 10; Length 2313;  
Best Local Similarity 99.6%; Pred. No. 56-154;  
Matches 557; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGAGATCCACCCCGAGA 60  
Db 77 CCTGAGGACATGAGACCTCTCTGAGAGCTGGGGGCTCTCCCTGAGATCCACCCCGAGA 136  
Qy 61 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 120  
Db 137 CCGAGCTTTGAGGCTGTGTATCTCACTTCTGAGAGCCCTGCTACGCCCCAG 196  
Qy 121 CTCTGCGCTCTGAGAGAGAGATACCCAGTGGGCTCCGAGTGTCTCCCAAGTGA 180  
Db 197 CTCTGCGCTCTGAGAGAGAGATACCCAGTGGGCTCCGAGTGTCTCCCAAGTGA 256  
Qy 181 GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 240  
Db 257 GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGGGACAGTGTGAACCT 316  
Qy 241 GCCCTCCAGGACCTACATTCGCCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 300  
Db 317 GCCCTCCAGGACCTACATTCGCCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 376  
Qy 301 TGTGTGACCCAGCCATGGGCTGTGCGCGGAGCCGGAACTGCTCCAGACAGAACCGCG 360  
Db 377 TGTGTGACCCAGCCATGGGCTGTGCGCGGAGCCGGAACTGCTCCAGACAGAACCGCG 436  
Qy 361 TGTGTGTTGAGCGCCAGGCACTTCTGATCGTCCAGAGCGGGAGCACTGCGCGGT 420  
Db 437 TGTGTGTTGAGCGCCAGGCACTTCTGATCGTCCAGAGCGGGAGCACTGCGCGGT 496  
Qy 421 GCCGCGTTAAGCCAGCTTCAGCCCGGAGCAGAGGTGACAGAGGAGCCAGAGATC 480  
Db 497 GCCGCGTTAAGCCAGCTTCAGCCCGGAGCAGAGGTGACAGAGGAGCCAGAGATC 556  
Qy 481 AGGACACCTCTGTCTGAAGTGTGCCCCCGGGGACCTTCTCTCCCATGAGACCTTGAGG 540

Db 557 AGGACACCTGTGTGCAAGTGTGCCCCGGGAGCACTTCTCTCCCAATGGAGACCTGGAGG 616  
QY 541 AATGTGAGCAGCAGACCAA 559  
Db 617 AATGTGAGCAGCAGACCAA 635

## RESULT 10

US-09-934-289A-3  
; Sequence 3, Application US/09934289A  
; Patent No. US20020132297A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE  
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF  
; FILE REFERENCE: M1098-061C1P1C1(M)  
; CURRENT APPLICATION NUMBER: US/09/934,289A  
; PRIOR FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: US 09/342,767  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR APPLICATION NUMBER: US 09/146,950  
; PRIOR FILING DATE: 1998-09-03  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 579  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)...(579)  
US-09-934-289A-3

Query Match 62.4%; Score 549.8; DB 10; Length 579;  
Best Local Similarity 98.8%; Pred. No. 2.2e-152;  
Matches 554; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 9 ATGAGACCTCTCTGAGAGATGAGGGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 68  
Db 1 ATGAGACCTCTCTGAGAGATGAGGGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 60  
QY 69 TTGAGGCTGTGTGTATCTACCTTCTGAGAGCCCTCTGATCAGCCCGACCTGTCGCG 128  
Db 61 TTGAGGCTGTGTGTATCTACCTTCTGAGAGCCCTCTGATCAGCCCGACCTGTCGCG 120  
QY 129 TCTTGCAAGAGAGAGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGGT 188  
Db 121 TCTTGCAAGAGAGAGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGGT 180  
QY 189 TATGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTGCGCTTCCA 248  
Db 181 TATGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTGCGCTTCCA 240  
QY 249 GGCACCTACATTGGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 308  
Db 241 GGCACCTACATTGGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 300  
QY 309 CCAAGCATGGGCTGTGCGGAGAGCGGAACTGTCTCCAGAGACAGAGAACGCGTGTGTGT 368  
Db 301 CCAAGCATGGGCTGTGCGGAGAGCGGAACTGTCTCCAGAGACAGAGAACGCGTGTGTGT 360  
QY 369 TGCAGCCAGGCGCACTTGTGATGTCTCCAGAGACAGAGAACGCGTGTGTGTGT 428  
Db 361 TGCAGCCAGGCGCACTTGTGATGTCTCCAGAGACAGAGAACGCGTGTGTGTGT 420  
QY 429 TACGCACTCTCAGCCCGGAGAGAGGTGAGAGAGGAGGACCGAGAGTCCAGAGACCC 488  
Db 421 TACGCACTCTCAGCCCGGAGAGAGGTGAGAGAGGAGGACCGAGAGTCCAGAGACCC 480  
QY 489 CTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGACCTTGAGAGAAATGTGAG 548  
Db 481 CTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGACCTTGAGAGAAATGTGAG 540

Db 481 CTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGACCTTGAGAGAAATGTGAG 540  
QY 549 CACGAGACCAAGTGCAGCTGG 569  
Db 541 CACGAGACCAAGTGCAGCTGG 561

## RESULT 11

US-09-934-289A-19  
; Sequence 19, Application US/09934289A  
; Patent No. US20020132297A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE  
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
; TITLE OF INVENTION: PROTEIN FAMILY AND USES THEREOF  
; FILE REFERENCE: M1098-061C1P1C1(M)  
; CURRENT APPLICATION NUMBER: US/09/934,289A  
; PRIOR FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: US 09/342,767  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR APPLICATION NUMBER: US 09/146,950  
; PRIOR FILING DATE: 1998-09-03  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 19  
; LENGTH: 591  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)...(591)  
US-09-934-289A-19

Query Match 62.3%; Score 549.2; DB 10; Length 591;  
Best Local Similarity 99.5%; Pred. No. 3.3e-152;  
Matches 551; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ATGAGACCTCTCTGAGAGATGAGGGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 68  
Db 1 ATGAGACCTCTCTGAGAGATGAGGGGCTCTCTCTCTGAGATCCACCCCGAAGCCGACGTC 60  
QY 69 TTGAGGCTGTGTGTATCTACCTTCTGAGAGCCCTCTGATCAGCCCGACCTGTCGCG 128  
Db 61 TTGAGGCTGTGTGTATCTACCTTCTGAGAGCCCTCTGATCAGCCCGACCTGTCGCG 120  
QY 129 TCTTGCAAGAGAGAGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGGT 188  
Db 121 TCTTGCAAGAGAGAGAGTACCACTGAGGCTCTGAGTGTGCTGCCCAAGTGACAGTCCAGGT 180  
QY 189 TATGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTGCGCTTCCA 248  
Db 181 TATGTGTGAAGAGAGGCTGTGCGGAGAGTGAACGGGACAGTGTGAACCTGCGCTTCCA 240  
QY 249 GGCACCTACATTGGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 308  
Db 241 GGCACCTACATTGGCCCACTCAATGAGCTTAAGCAAGTGTCTGAGTGCCTCAATGTGTGAC 300  
QY 309 CCAAGCATGGGCTGTGCGGAGAGCGGAACTGTCTCCAGAGACAGAGAACGCGTGTGTGT 368  
Db 301 CCAAGCATGGGCTGTGCGGAGAGCGGAACTGTCTCCAGAGACAGAGAACGCGTGTGTGT 360  
QY 369 TGCAGCCAGGCGCACTTGTGATGTCTCCAGAGACAGAGAACGCGTGTGTGTGT 428  
Db 361 TGCAGCCAGGCGCACTTGTGATGTCTCCAGAGACAGAGAACGCGTGTGTGTGT 420  
QY 429 TACGCACTCTCAGCCCGGAGAGAGGTGAGAGAGGAGGACCGAGAGTCCAGAGACCC 488  
Db 421 TACGCACTCTCAGCCCGGAGAGAGGTGAGAGAGGAGGACCGAGAGTCCAGAGACCC 480  
QY 489 CTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGACCTTGAGAGAAATGTGAG 548  
Db 481 CTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCCAATGGAGACCTTGAGAGAAATGTGAG 540

QY 549 CACCAGACCAAGTG 562  
Db 541 CACCAGACCAATTG 554

## RESULT 12

US-09-934-289A-31  
; Sequence 31, Application US/09934289A  
; Patent No. US20020132297A1  
; GENERAL INFORMATION:  
; APPLICANT: Busfield, Samantha J.  
; TITLE OF INVENTION: NOVEL MOLECULES OF THE  
; TITLE OF INVENTION: HERPESVIRUS-ENTRY-MEDIATOR-RELATED  
; FILE REFERENCE: MB1098-061CPCN1 (M)  
; CURRENT APPLICATION NUMBER: US/09/934,289A  
; PRIOR FILING DATE: 2001-08-21  
; PRIOR APPLICATION NUMBER: US 09/342,767  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR APPLICATION NUMBER: US 09/146,950  
; PRIOR FILING DATE: 1998-09-03  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 31  
; LENGTH: 558  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)...(558)  
US-09-934-289A-31

Query Match 62.2%; Score 547.8; DB 10; Length 558;  
Best Local Similarity 99.6%; Pred. No. 8.4e-152;  
Matches 549; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ATGAGAGCTCTTGAGAGCTGGGGGCTTCTCCCTGAGATCCACCCAGAACCGAGATC 68  
Db 1 ATGAGAGCTCTTGAGAGCTGGGGGCTTCTCCCTGAGATCCACCCAGAACCGAGATC 60  
69 TTGAGAGCTGTGCTGATCTCACTTCTGAGAGCCCTGCTGAGCCGAGCTCTGCGG 128  
Db 61 TCGAGAGCTGTGCTGATCTCACTTCTGAGAGCCCTGCTGAGCCGAGCTCTGCGG 120  
QY 129 TCCTGAGAGAGAGAGAGAGTCCAGTGGGCTCCAGTGTCTGCCCCAAGTGCAGTCAAGT 188  
Db 121 TCCTGAGAGAGAGAGAGTCCAGTGGGCTCCAGTGTCTGCCCCAAGTGCAGTCAAGT 180  
189 TATGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGCAAGTGTGAACCTGCGCTTCCA 248  
Db 181 TATGTGTGAAGAGAGGCTGTGGGGAGCTGACGGGCAAGTGTGAACCTGCGCTTCCA 240  
249 GGCACCTACATTTGGCCACTCAATGAGCAAGTGTCTGAGTGCCTCAATATGTGTGAC 308  
Db 241 GGCACCTACATTTGGCCACTCAATGAGCAAGTGTCTGAGTGCCTCAATATGTGTGAC 300  
QY 309 CCAGCCATGGGCTTGGCGCGAGCGGGAATGCTTCCAGAGACAGAAAGCGCTGTGTGT 368  
Db 301 CCAGCCATGGGCTTGGCGCGAGCGGGAATGCTTCCAGAGACAGAAAGCGCTGTGTGT 360  
QY 369 TGCAGAGCCAGAGCACTTCTGATGTCTCAGAGACGGGAGCACTGCGCGCTGCGGGCT 428  
Db 361 TGCAGAGCCAGAGCACTTCTGATGTCTCAGAGACGGGAGCACTGCGCGCTGCGGGCT 420  
QY 429 TACGCCACTCTCAACCGGGGCGAGAGGGTGCAGAAAGGAGGACCGAGAGTCAAGACACC 488  
Db 421 TACGCCACTCTCAACCGGGGCGAGAGGGTGCAGAAAGGAGGACCGAGAGTCAAGACACC 480  
QY 489 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAAGAAATGTCTAG 548  
Db 481 CTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGGACCTTGAAGAAATGTCTAG 540

QY 549 CACCAGACCAA 559  
Db 541 CACCAGACCAA 551

## RESULT 13

US-09-918-995-3536  
; Sequence 3536, Application US/09918995  
; Publication No. US20030073623A1  
; GENERAL INFORMATION:  
; APPLICANT: Hyeeg, Inc.  
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED  
; FILE REFERENCE: 20411-756  
; CURRENT APPLICATION NUMBER: US/09/918,995  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: US/09/235,076  
; PRIOR FILING DATE: 1999-01-20  
; NUMBER OF SEQ ID NOS: 38054  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3536  
; LENGTH: 447  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-918-995-3536

Query Match 48.9%; Score 431.2; DB 11; Length 447;  
Best Local Similarity 99.1%; Pred. No. 2.3e-117;  
Matches 444; Conservative 0; Mismatches 3; Indels 1; Gaps 1;

QY 326 CGGAGCCCGGAATGCTCCAGAGCAGAGAAAGCGGTGTGTGAGAGCCAGGCACTT 385  
Db 1 CGGAGCCCGGAATGCTCCAGAGCAGAGAAAGCGGTGTGTGAGAGCCAGGCACTT 60  
QY 386 CTGCATGCTCCAGAGAGGAGGACCACTGCGCGCTGCGGCTTACGCCACTTCAAGCC 445  
Db 61 CTGCATGCTCCAGAGAGGAGGACCACTGCGCGCTGCGGCTTACGCCACTTCAAGCC 120  
QY 446 GGGCCAGAGGGTGCAGAGAGGAGGACCGAGAGTCAAGACCTTGTTCAGAACTGCCC 505  
Db 121 GGGCCAGAGGGTGCAGAGAGGAGGACCGAGAGTCAAGACCTTGTTCAGAACTGCCC 180  
QY 506 CCGGGGGAGCTTCTCTCCCAATGGGAGCCCTGGAGGAATGCACACAGAGCAAGTGAC 565  
Db 181 CCGGGGGAGCTTCTCTCCCAATGGGAGCCCTGGAGGAATGCACACAGAGCAAGTGAC 240  
QY 566 CTGGCTGTGACAGAGAGGCGGAGCTGGAGCAAGCAGCTCCCACTGGATATGTGTCTTCT 625  
Db 241 CTGGCTGTGACAGAGAGGCGGAGCTGGAGCAAGCAGCTCCCACTGGATATGTGTCTTCT 299  
QY 626 CTGAGGGAGCTTGTCTATGTTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 685  
Db 300 CTGAGGGAGCTTGTCTATGTTTGTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 359  
QY 686 AAGAGAAAGCCAAAGGGGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 745  
Db 360 AAGAGAAAGCCAAAGGGGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 745  
QY 746 GAGAGCAGAAAGGTGAGGCCACAGTCAAT 773  
Db 420 GAGAGCAGAAAGGTGAGGCCACAGTCAAT 447

## RESULT 14

US-09-783-590-9218  
; Sequence 9218, Application US/09783590  
; Patent No. US20020110850A1  
; GENERAL INFORMATION:  
; APPLICANT: Dillon, Patrick J.  
; APPLICANT: Haseltine, William A.  
; APPLICANT: Li, Haodong  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Ruben, Steven M.

FILE REFERENCE: PO-16.2C1  
CURRENT APPLICATION NUMBER: US/09/783,590  
PRIOR FILING DATE: 2000-02-15  
PRIOR APPLICATION NUMBER: 08/420,856  
PRIOR FILING DATE: 1995-04-12  
PRIOR APPLICATION NUMBER: 08/346,731  
PRIOR FILING DATE: 1994-11-21  
NUMBER OF SEQ ID NOS: 12485  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 9218  
LENGTH: 402  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (249)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (270)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (330)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (380)  
OTHER INFORMATION: n equals a,t,g, or c  
US-09-783-590-9218

Query Match 42.7%; Score 375.8; DB 10; Length 402;  
Best Local Similarity 98.4%; Pred. No. 5.3e-101;  
Matches 377; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

499 ACTGCCCCCGGAGACCTTCTCCCAATGGGACCCCTGGAGGAAATGTCAGACCAACCA 558  
18 AATGCCCCCGGAGACCTTCTCCCAATGGGACCCCTGGAGGAAATGTCAGACCAACCA 77  
559 AGTGAAGTGGCTGTGTGACGAAAGCCGAGCTGGGACCAAGCTCCCACTGGATGCT 618  
78 AGTGAAGTGGCTGTGTGACGAAAGCCGAGCTGGGACCAAGCTCCCACTGGATGCT 137  
619 GGTTCCTTCAGGAGACCTGTATGTCTATTTGCTTCACAGTTGGCTTAATCATAT 678  
138 GGTTCCTTCAGGAGACCTGTATGTCTATTTGCTTCACAGTTGGCTTAATCATAT 197  
679 GTGTAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGTATCGTCTCCGACCAAGCA 738  
198 GTGTAAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGTATCGTCTCCGACCAAGCA 257  
739 AAAGACAGAGGAGCAAGGTGAGGACCAAGTCAATGAGGACCCCTGACGACCCCTCGGAG 798  
258 AAAGACAGAGGAGCAAGGTGAGGACCAAGTCAATGAGGACCCCTGACGACCCCTCGGAG 317  
799 TCACCAAGGTGGCTGTGTGAGAGACAATACCTCTATTCACGAGGAGAGCCCAAAACACT 858  
318 TCACCAAGGTGGCTGTGTGAGAGACAATACCTCTATTCACGAGGAGAGCCCAAAACACT 377  
859 GACCCACAGACTCTGACCCCA 881  
378 GANCAACAGACTCTGACCCCA 400

RESULT 15  
US-09-783-590-11975  
Sequence 11975, Application US/09783590  
Patent No. US2002010850X1  
GENERAL INFORMATION:  
APPLICANT: Dillon, Patrick J.  
APPLICANT: Haseltine, William A.  
APPLICANT: Li, Haodong  
APPLICANT: Rosen, Craig A.  
APPLICANT: Ruben, Steven M.  
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2

FILE REFERENCE: PO-16.2C1  
CURRENT APPLICATION NUMBER: US/09/783,590  
PRIOR FILING DATE: 2000-02-15  
PRIOR APPLICATION NUMBER: 08/420,856  
PRIOR FILING DATE: 1995-04-12  
PRIOR APPLICATION NUMBER: 08/346,731  
PRIOR FILING DATE: 1994-11-21  
NUMBER OF SEQ ID NOS: 12485  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 11975  
LENGTH: 350  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (83)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (125)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (130)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (310)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (328)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (333)  
OTHER INFORMATION: n equals a,t,g, or c  
NAME/KEY: misc feature  
LOCATION: (337)  
OTHER INFORMATION: n equals a,t,g, or c  
US-09-783-590-11975

Query Match 19.3%; Score 170.4; DB 10; Length 350;  
Best Local Similarity 87.5%; Pred. No. 2.6e-40;  
Matches 286; Conservative 0; Mismatches 28; Indels 13; Gaps 9;

18 CCTGAGACCTGGGACCTCTCCCTGAGATCCACCCCAAGACCGAGCTTTGAGGCTG 77  
12 CTTGAGACCTGGGACCTCTCCCTGAGATCCACCCCAAGACCGAGCTTTGAGGCTG 71  
78 GTGCTGTATCTACCTTCTGGAGACCCCTGTAAGCCCAAGCTCTGCTGCTGCAAG 137  
72 GTGCTGTATCTACCTTCTGGAGACCCCTGTAAGCCCAAGCTCTGCTGCTGCAAG 131  
138 GA-GGACGAGTACCAAT-GGGCTTCGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTG 194  
132 AAGGACGAGTACCAAT-GGGCTTCGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTG 191  
195 GTGAAGG-AGGCTTCGGGAGGCTGACGAGG-CAAGTGTGGAACCTGCTGCTGCTG 249  
192 GTGAAGGAGGCTTCGGGAGGCTGTAAGGAGGCAAGGTGTGAACCTGCTGCTGCTG 251  
250 GCACC-TACATTGCTCAAC-TCAATGGCTTAA-GCAAGTGTGCAAGTGTGCAATGTG- 304  
252 GCACCTTACATTGCTCAACCTTCAATGCTTAAAGCAAGTTTGTGCAAGTGTGCAATGTG 311  
305 TGACCCAGCAATGGGCTGCGCGCGAG 331  
312 TGACCCAGCAATGGGCTGCGCGCGAG 338

Mon Nov 24 10:05:41 2003

us-08-741-095b-25.rnpb

Page 10

Search completed: November 22, 2003, 02:04:02  
Job time : 357 secs

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Pending Nucleic Acid and/or Pending Amino Acid database searches now generate two sets of results. These databases were split into two parts to reduce the time needed to update the databases daily. The split freed up more machine time for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions, .rmpm and .rmpm  
Searches run against the Amino Acid Pending database produce two sets of results, with the extensions, .rapm and .rapm

*The Pending database search results should not be left in the case because they contain data that is confidential.*

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43: /cgn2_6/ptodata/1/pna/us118_COMB.seq:

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Result No.	Score	Query Match	Length	ID	Description
1	881	100.0	881	1	PCT-US95-05058-1
2	881	100.0	881	2	PCT-US95-05058-1
3	881	100.0	881	3	US-08-462-315-1
4	881	100.0	881	4	US-08-462-962-1

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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81: /cgn2_6/ptodata/1/pna/us6026_COMB.seq:
82: /cgn2_6/ptodata/1/pna/us6027_COMB.seq:
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86: /cgn2_6/ptodata/1/pna/us6031_COMB.seq:
87: /cgn2_6/ptodata/1/pna/us6032_COMB.seq:
88: /cgn2_6/ptodata/1/pna/us6033_COMB.seq:
89: /cgn2_6/ptodata/1/pna/us6034_COMB.seq:
90: /cgn2_6/ptodata/1/pna/us6035_COMB.seq:
91: /cgn2_6/ptodata/1/pna/us6036_COMB.seq:
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QY	841	GGAGAGCCCCAAACCACTGACCCACAGACTTCGACCCCGA	881
Db	841	GGAGAGCCCAACCACTGACCCACAGACTTCGACCCCGA	881

RESULT 2  
PCT-US95

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QY	121	CTCTGCGCTCTGCAAGAGAGACGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTCA	180
Db	121	CTCTGCGCTCTGCAAGAGAGACGAGTACCCAGTGGGCTCCGAGTGTCTGCCCAAGTCA	180
QY	181	GTCACAGTATCGTGTGAAGAGAGCGCTGGGAGACTCAACGGGCACTAGTGTGTAACCT	240
Db	181	GTCACAGTATCGTGTGAAGAGAGCGCTGGGAGACTCAACGGGCACTAGTGTGTAACCT	240
QY	241	GCCTCTCAGGCACTCATTTGCCCACTCAATGCGCTTAAGCAAGTGTCTGCAGTGGCCAA	300
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Dp	241	GGCCCTCAGAGCACTCAATGTGCCCACTCAATAGCGCTTAAGCAAGTGTCTGCAAGTGCACA	300
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Dp	301	TGTGTGATCCCAAGCCATATGGGAGCTTGGCGCGCGAGAGCCGGAACCTGCTTCAGAGACAGAGAACGCCG	360
Qy	361	TGTGTGATTGACAGCCAGGAGCCCACTTCTGGATGTCAGAGACGGGGAGCCACTGGGCGCGCT	420
Dp	361	TGTGTGATTGACAGCCAGGAGCCCACTTCTGGATGTCAGAGACGGGGAGCCACTGGGCGCGCT	420
Qy	421	GCCTGGCTTACGCGCACTTCAGAGCCCGGGGCGAGAGGGGTGCAGAAAGGAGCACCGAGAGTC	480
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Dp	481	AGGACACCCCTGTGTAGAAACTGCCCCCGGGAGCCTTCTCTCCAAATGGGAACCTTGAGG	540
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Dp	541	AATGTACAGACACAGACCAAGTGCAGCTGGCTGGTAGCAAGGCCGGAGGCTGGGACACGACA	600
Qy	601	GCTCCCACTGGGTATGTGTGTCTCTCAGGAGAGCTCGTCAATCGTATTTGTGCTCA	660
Dp	601	GCTCCCACTGGGTATGTGTGTCTCTCAGGAGAGCTCGTCAATCGTATTTGTGCTCA	660
Qy	661	CAGTTGGGCTATCATATGTGTGAAAAGAAAGAACCAAGGGGTATGTATGTCAAGSTGA	720
Dp	661	CAGTTGGGCTATCATATGTGTGAAAAGAAAGAACCAAGGGGTATGTATGTCAAGSTGA	720
Qy	721	TGCTGTCCGTCAGAGGGAAGAACAGAGAGGCGAGAAGTGAAGGCCACAGTCATTGAGGCC	780
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Dp	781	TGCAAGGCCCTTCGGAGCTCACACAGGTGGCCGTGAGAGAGACAATAACCTTCATTACGG	840
Qy	841	GGAGGAGCCCAACCATGACCCCAAGACTCTGCAACCCCGA	881
Dp	841	GGAGGAGCCCAACCATGACCCCAAGACTCTGCAACCCCGA	881

RESULT 3  
US-08-462-315-1

Sequence 1, Application US/08462315  
GENERAL INFORMATION:  
APPLICANT: NI ET AL.  
TITLE OF INVENTION: Tumor Necrosis Factor Receptors  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
ADDRESSEE: CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,315  
FILING DATE: June 5, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05058  
FILING DATE: 27 APR 95  
ATTORNEY/AGENT INFORMATION:  
NAME: FERRARO, GREGORY D.  
REGISTRATION NUMBER: 36,134

REFERENCE/DOCKET NUMBER: 325800-421  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 881 BASE PAIRS  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: CDNA  
US-08-462-315-1

Query Match 100.0%; Score 881; DB 9; Length 881;  
Best Local Similarity 100.0%; Pred. No. 7.9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 CCTGAGGCGATGAGAGCCCTCTGAGAGACTGAGGGGCGCTCTCCCTGAGAGATCCAGCCCGGAA 60

QY 61 CCGACGCTTGAGGCGTGTGCTGATCTCACTTCTCTGAGAGAGCCCTGCTAGCGCCAG 120  
DB 61 CCGACGCTTGAGGCGTGTGCTGATCTCACTTCTCTGAGAGAGCCCTGCTAGCGCCAG 120

QY 121 CTCTGCGGCTCTGAG 180  
DB 121 CTCTGCGGCTCTGAG 180

QY 181 GTCCAGGTTATCGTGTGAAG 240  
DB 181 GTCCAGGTTATCGTGTGAAG 240

QY 241 GCCCTCCAGGACACTTATGCTGAG 300  
DB 241 GCCCTCCAGGACACTTATGCTGAG 300

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DB 301 TGTGTGACCCAGGCGGCTGTGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360

QY 361 TGTGTGTTGAGGCGGAG 420  
DB 361 TGTGTGTTGAGGCGGAG 420

QY 421 GCCGCGCTTACGACGACCTCCAG 480  
DB 421 GCCGCGCTTACGACGACCTCCAG 480

QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGTGGAGCCTTGAGAG 540  
DB 481 AGGACACCTGTGTGAGAACTGCCCCCGGGGAGCTTCTCTCCCAATGTGGAGCCTTGAGAG 540

QY 541 AATTTTCAGCAACCAAGTGCAGCTGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600  
DB 541 AATTTTCAGCAACCAAGTGCAGCTGTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600

QY 601 GCTCCCACTGGGTTGTGTGTCTCTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660  
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QY 661 CAGTTGGCTTAATCATATGTGTGAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720  
DB 661 CAGTTGGCTTAATCATATGTGTGAAGAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720

QY 721 TCGTCTCGGTCAAGGAG 780  
DB 721 TCGTCTCGGTCAAGGAG 780

QY 781 TGCAGGCGGCTCCGAGAGCTCAACAGGTGCGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840  
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QY 841 GGAGAGCGCCCAACCACTGAGCCAGAGACTTGCACCCCGA 881  
DB 841 GGAGAGCGCCCAACCACTGAGCCAGAGACTTGCACCCCGA 881

## RESULT 4

US-08-462-962-1  
Sequence 1, Application US/08462962  
GENERAL INFORMATION:  
APPLICANT: NI, ET AL.  
TITLE OF INVENTION: Tumor Necrosis Factor Receptors  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,  
ADDRESSEE: CECCHI, STEWART & OLSTEIN  
STREET: 6 BECKER FARM ROAD  
CITY: ROSELAND  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH DISKETTE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,962  
FILING DATE: June 5, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05058  
FILING DATE: 27 APR 95  
ATTORNEY/AGENT INFORMATION:  
NAME: FERRARO, GREGORY D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 325800-422  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 881 BASE PAIRS  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: CDNA  
US-08-462-962-1

Query Match 100.0%; Score 881; DB 9; Length 881;

Best Local Similarity 100.0%; Pred. No. 7.9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGGCGATGAGAGCCCTCTGAGAGACTGAGGGGCGCTCTCCCTGAGAGATCCAGCCCGGAA 60  
DB 1 CCTGAGGCGATGAGAGCCCTCTGAGAGACTGAGGGGCGCTCTCCCTGAGAGATCCAGCCCGGAA 60

QY 61 CCGACGCTTGAGGCGTGTGCTGATCTCACTTCTCTGAGAGAGCCCTGCTAGCGCCAG 120  
DB 61 CCGACGCTTGAGGCGTGTGCTGATCTCACTTCTCTGAGAGAGCCCTGCTAGCGCCAG 120

QY 121 CTCTGCGGCTCTGAG 180  
DB 121 CTCTGCGGCTCTGAG 180

QY 181 GTCCAGGTTATCGTGTGAAG 240  
DB 181 GTCCAGGTTATCGTGTGAAG 240

QY 241 GCCCTCCAGGACACTTATGCTGAG 300  
DB 241 GCCCTCCAGGACACTTATGCTGAG 300

QY 301 TGTGTGACCCAGGCGGCTGTGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360

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Db      301  TGTGTGACCCAGCCATGAGGCTGGCCGAGCCGGAAGCTCTCAGAGACAGAGAAGCCGCG
Qy      361  TGTGTGATTCAGAGCCAGGCACTTCGATTCGCGGAGAGCCGAGGACCACTTGGCCGCGCT
Db      361  TGTGTGATTCAGAGCCAGGCACTTCGATTCGCGGAGAGCCGAGGACCACTTGGCCGCGCT
Qy      421  GCCGCGCTTACGCGACCTCCAGCCGCGGAGAGAGGTGACGAAGGAGAGGACCCGAGAGTC
Db      421  GCCGCGCTTACGCGACCTCCAGCCGCGGAGAGAGGTGACGAAGGAGAGGACCCGAGAGTC
Qy      481  AGGACACCTCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGGACCTTGAGG
Db      481  AGGACACCTCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGGACCTTGAGG
Qy      541  AATGTACAGACCAAGCAAGTGAAGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      541  AATGTACAGACCAAGCAAGTGAAGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      601  GCTCCACTGGGTATGTGTGTTCTCTCAGGAGAGCTCTCATCTGATTTGCTGCA
Db      601  GCTCCACTGGGTATGTGTGTTCTCTCAGGAGAGCTCTCATCTGATTTGCTGCA
Qy      661  CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      661  CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      721  TCGTCTCCGTCGAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      721  TCGTCTCCGTCGAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      781  TGCAGAGCCCTCCGAGAGTGCACCAAGTGGCGCTGAGAGAGACATATCTCATTCAGG
Db      781  TGCAGAGCCCTCCGAGAGTGCACCAAGTGGCGCTGAGAGAGACATATCTCATTCAGG
Qy      841  GAGAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA
Db      841  GAGAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA

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RESULT 5  
US-08-464-595-1

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; Sequence 1, Application US/08464595
; GENERAL INFORMATION:
; APPLICANT: JIAN NI, REINER GENTZ AND CRAIG ROSEN
; TITLE OF INVENTION: Tumor Necrosis Factor Receptors
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILLILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/464,595
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05058
; FILING DATE: April 27, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-375
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700

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; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 881 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: cDNA
; US-08-464-595-1

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Query Match 100.0%; Score 881; DB 9; Length 881;  
Best Local Similarity 100.0%; Pred. No. 7.9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1  CCTGAGGAGTGAAGGCTCTCTGAGAGTGGGGGCTCTCTCTGAGAGATCAACCCAGAA
Db      1  CCTGAGGAGTGAAGGCTCTCTGAGAGTGGGGGCTCTCTCTGAGAGATCAACCCAGAA
Qy      61  CCGAGCTCTTGAAGGCTGTGTGTATCTCACCTTCTCTGGAGAGCCCTGTACGCCAG
Db      61  CCGAGCTCTTGAAGGCTGTGTGTATCTCACCTTCTCTGGAGAGCCCTGTACGCCAG
Qy      121  CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGCTCTGAGTCTGCCCAAGTGA
Db      121  CTCTGCGCTCTGCAAGAGAGAGAGTACCAAGTGGCTCTGAGTCTGCCCAAGTGA
Qy      181  GTCCAGGTATGTGTGAAAGAGAGGCTGTGGGAGAGTGAACAGTGTGAACCTT
Db      181  GTCCAGGTATGTGTGAAAGAGAGGCTGTGGGAGAGTGAACAGTGTGAACCTT
Qy      241  GCCCTTCAAGGACCTTACATTTGCCAATGAGCTTAAGCAAGTGTCTGCAAGTGC
Db      241  GCCCTTCAAGGACCTTACATTTGCCAATGAGCTTAAGCAAGTGTCTGCAAGTGC
Qy      301  TGTGTGACCCAGCCATGAGGCTGTGCGCGAGCGGAACTGCTTCAAGACAGAGAA
Db      301  TGTGTGACCCAGCCATGAGGCTGTGCGCGAGCGGAACTGCTTCAAGACAGAGAA
Qy      361  TGTGTGATTCAGAGCCAGGCACTTCTCATGTGTCAAGAGCGGAGACCACTGCGCGCT
Db      361  TGTGTGATTCAGAGCCAGGCACTTCTCATGTGTCAAGAGCGGAGACCACTGCGCGCT
Qy      421  GCCGCGCTTACGCGACCTCCAGCCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      421  GCCGCGCTTACGCGACCTCCAGCCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      481  AGGACACCTCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGGACCTTGAGG
Db      481  AGGACACCTCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGGGACCTTGAGG
Qy      541  AATGTACAGACCAAGCAAGTGAAGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      541  AATGTACAGACCAAGCAAGTGAAGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      601  GCTCCACTGGGTATGTGTGTTCTCTCAGGAGAGCTCTCATCTGATTTGCTGCA
Db      601  GCTCCACTGGGTATGTGTGTTCTCTCAGGAGAGCTCTCATCTGATTTGCTGCA
Qy      661  CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGG
Db      661  CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGG
Qy      721  TCGTCTCCGTCGAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Db      721  TCGTCTCCGTCGAGCGGAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG
Qy      781  TGCAGAGCCCTCCGAGAGTGCACCAAGTGGCGCTGAGAGAGACATATCTCATTCAGG
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Qy      841  GAGAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA
Db      841  GAGAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA

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RESULT 6  
US-08-741-095A-25  
Sequence 25, Application US/08741095A  
GENERAL INFORMATION:  
APPLICANT: Ni, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Lyn, Sally Doreen Patricia  
APPLICANT: Hurlle, Mark Robert  
TITLE OF INVENTION: Human Tumor Necrosis Factor  
TITLE OF INVENTION: Receptor-Like 2  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave, Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,095A  
FILING DATE:  
CLASSIFICATION: 1646  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/464,595  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/462,962  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/462,315  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US95/05058  
FILING DATE: 27-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Steffe, Eric K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488.0770004/EKS/SGM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-271-2540  
TELEFAX: 202-271-2540  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 881 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9..857  
FEATURE:  
NAME/KEY: sig\_peptide  
LOCATION: 9..122  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 123..857  
US-08-741-095A-25  
Query Match 100.0%; Score 881, DB 12, Length 881;  
Best Local Similarity 100.0%; Prid. No. 7.9e-199;  
Matches 881, Conservative 0, Mismatches 0, Indels 0, Gaps 0;  
1 CCTAGGCGATGAGACCTCTCTGAGACTGGGGGCTCTCTCTGAGATCCACCCCGAGA 60  
|||||

Db 1 CCTAGGCGATGAGACCTCTCTGAGACTGGGGGCTCTCTCTGAGATCCACCCCGAGA 60  
Qy 61 CCGACGCTTTGAGGCTGTGTATCTACCTTCTGGAGAGCCCTGACGCCAG 120  
|||  
Db 61 CCGACGCTTTGAGGCTGTGTATCTACCTTCTGGAGAGCCCTGACGCCAG 120  
Qy 121 CTCTGCGCTCTCGAAGAGAGAGTACCAGTGGGCTCCGAGTCTCCCAATGCA 180  
|||  
Db 121 CTCTGCGCTCTCGAAGAGAGAGTACCAGTGGGCTCCGAGTCTCCCAATGCA 180  
Qy 181 GTCCAGTTATGTTGAGAGAGAGCTGGGGAGTGAACGAGGACAGTGTGAACCT 240  
|||  
Db 181 GTCCAGTTATGTTGAGAGAGAGCTGGGGAGTGAACGAGGACAGTGTGAACCT 240  
Qy 241 GCCCTCCAGGACCTTACCTTCCCACTGCTAATGCTTAAGCAAGTGTGACGCAAA 300  
|||  
Db 241 GCCCTCCAGGACCTTACCTTCCCACTGCTAATGCTTAAGCAAGTGTGACGCAAA 300  
Qy 301 TGTGTACCCAGGACCTGAGGCTGGGCGGAGCCGGAACCTCCAGACAGAGAGCGCG 360  
|||  
Db 301 TGTGTACCCAGGACCTGAGGCTGGGCGGAGCCGGAACCTCCAGACAGAGAGCGCG 360  
Qy 361 TGTGTGTTGACGCGGACCTTCTGATCGTCCAGACGAGGACCACTGGCGCGT 420  
|||  
Db 361 TGTGTGTTGACGCGGACCTTCTGATCGTCCAGACGAGGACCACTGGCGCGT 420  
Qy 421 GCCGCGCTTACGCGACCTTCCAGCGGCGGAGGAGGTGCAAGAGGAGCAGGAGTGC 480  
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Db 421 GCCGCGCTTACGCGACCTTCCAGCGGCGGAGGAGGTGCAAGAGGAGCAGGAGTGC 480  
Qy 481 AGGACACCTCTGTCTGAGAACTGCCCCGGGAGCTTCTCCCAATGGAACCTGGAGG 540  
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Db 481 AGGACACCTCTGTCTGAGAACTGCCCCGGGAGCTTCTCCCAATGGAACCTGGAGG 540  
Qy 541 AATGTGACGACGACCAAGTGAAGTGGCTGAGAGAGGCGGAGCTGGGACCGCA 600  
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Db 541 AATGTGACGACGACCAAGTGAAGTGGCTGAGAGAGGCGGAGCTGGGACCGCA 600  
Qy 601 GCTCCAGTGGTATGATGATGTTCTCTCAGGAGCTGTCTCATGTTGTTGCTCA 660  
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Db 601 GCTCCAGTGGTATGATGATGTTCTCTCAGGAGCTGTCTCATGTTGTTGCTCA 660  
Qy 661 CAGTTGCGCTTAATCATATGTGAAAGAAAGCAAGGCGTATGATCAAGTGA 720  
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Qy 721 TCGTCTCCGTCGACGAGAAAGACAGAGGACAGAGGACAGTCAATTAGGCGCC 780  
|||  
Db 721 TCGTCTCCGTCGACGAGAAAGACAGAGGACAGAGGACAGTCAATTAGGCGCC 780  
Qy 781 TGCAGGCGCTCCGAGACGTACACAGGTCGCGCTGAGAGACAAATACCTCATTCAGG 840  
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Db 841 GGAGAGCCCAACCACTGACCCAGACTGTGACCCCGA 881  
RESULT 7  
US-08-741-095B-25  
Sequence 25, Application US/08741095B  
GENERAL INFORMATION:  
APPLICANT: Ni, Jian  
APPLICANT: Rosen, Craig  
APPLICANT: Gentz, Reiner  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like 2  
FILE REFERENCE: 1488.0770004  
CURRENT APPLICATION NUMBER: US/08/741,095B  
CURRENT FILING DATE: 1996-10-30  
PRIOR APPLICATION NUMBER: US 08/464,595  
PRIOR FILING DATE: 1995-06-05  
PRIOR APPLICATION NUMBER: US 08/462,962



PRIOR FILING DATE: 1995-06-05  
PRIOR APPLICATION NUMBER: US 08/462,315  
PRIOR FILING DATE: 1995-06-05  
PRIOR APPLICATION NUMBER: PCT/US95/05058  
PRIOR FILING DATE: 1995-04-27  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 25  
LENGTH: 881  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (9)..(857)  
NAME/KEY: sig.peptide  
LOCATION: (9)..(122)  
NAME/KEY: mat.peptide  
LOCATION: (123)..(857)  
US-08-741-095b-25

Query Match 100.0%; Score 881; DB 12; Length 881;  
Best Local Similarity 100.0%; Pred No. 7, 9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGACCTCTCTGAGACTGAGAGGCTCTCTCTGAGATCCACCCAGAA 60  
DB 1 CCTGAGCATGAGACCTCTCTGAGACTGAGAGGCTCTCTCTGAGATCCACCCAGAA 60  
QY 61 CCGAGCTCTTGAAGCTGCTGCTGATCTCACTTCTCTGAGAGCCCTGCTCAAGCCCG 120  
DB 61 CCGAGCTCTTGAAGCTGCTGCTGATCTCACTTCTCTGAGAGCCCTGCTCAAGCCCG 120  
QY 121 CTCTGCGCTCTGAGAGGAGAGAGTACCCAGTGGGCTCCAGAGTCTGCTCCCAAGTGA 180  
DB 121 CTCTGCGCTCTGAGAGGAGAGAGTACCCAGTGGGCTCCAGAGTCTGCTCCCAAGTGA 180  
QY 181 GTCCAGATTATCGTGTGAAGAGGCTGCGGAGAGTGAAGGCAAGTGTGAACCTT 240  
DB 181 GTCCAGATTATCGTGTGAAGAGGCTGCGGAGAGTGAAGGCAAGTGTGAACCTT 240  
QY 241 GCCCTTCAGAGCACTTACATTTGCCACCTTAATGGCTTAAGCAAGTGTGCAAGTGA 300  
DB 241 GCCCTTCAGAGCACTTACATTTGCCACCTTAATGGCTTAAGCAAGTGTGCAAGTGA 300  
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DB 301 TGTGTGACCCAGAGGAGGCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 360  
QY 361 TGTGTGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 420  
DB 361 TGTGTGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 420  
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DB 421 GCCGCGCTTACGCGACCTTCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 480  
QY 481 AGGACACCCCTGTGTGAGAACTGCCCCGAGGAGGAGGAGGAGGAGGAGGAGGAGG 540  
DB 481 AGGACACCCCTGTGTGAGAACTGCCCCGAGGAGGAGGAGGAGGAGGAGGAGGAGG 540  
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DB 601 GCTCCCACTGGGATAGTGTGTTCTCTCAAGGAGGAGGAGGAGGAGGAGGAGGAGG 660  
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DB 661 CAGTGGGCTTAATATGTGTGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 720  
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DB 721 TCGTCTCCGTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780  
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DB 841 GGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 881

## RESULT 8

US-09-340-690-25  
Sequence 25. Application US/09340690  
GENERAL INFORMATION:  
APPLICANT: Ni, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Lyn, Sally Doreen Patricia  
TITLE OF INVENTION: Human Tumor Necrosis Factor  
TITLE OF INVENTION: Receptor-Like 2  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESS: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave, Suite 600  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/340,690  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/464,595  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/741,095  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/462,962  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/462,315  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US95/05058  
FILING DATE: 27-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Steffe, Eric K.  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488, 0770007/EXS/SGM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-271-2600  
TELEFAX: 202-271-2540  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 881 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 9..857  
FEATURE:

NAME/KEY: sig\_peptide  
LOCATION: 9..122  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 123..857  
US-09-340-690-25

Query Match 100.0%; Score 881; DB 19; Length 881;  
Best Local Similarity 100.0%; Pred. No. 7.9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 CTTGAGGACATGAGACCTCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCGAGAA 60
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DB 61 CCGACGCTTGTAGGCTGTGTATCTCACTTCTGAGAGCCCTGTAGCCCCAG 120
QY 121 CTCTGCCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
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DB 181 GTCCAGGTTATCGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
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DB 241 GCCCTCCAGGACCTTCACTTGCCTCAATGAGCTTCAAGCAAGTGTCTGAGTCCCAA 300
QY 301 TGTGTGACCAAGCATGGGCTGTGGCGGAGCCGGAACCTGCTCCAGAGACAGAGAACGCG 360
DB 301 TGTGTGACCAAGCATGGGCTGTGGCGGAGCCGGAACCTGCTCCAGAGACAGAGAACGCG 360
QY 361 TGTGTGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAG 420
DB 361 TGTGTGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAGGCTTGCAG 420
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DB 421 GCCGCGCTTACGCGCACTTCCAGCCGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
QY 481 AGGACACCTGTGTCAAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG 540
DB 481 AGGACACCTGTGTCAAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG 540
QY 541 AATGTTCAGACACAGACCAAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAG 600
DB 541 AATGTTCAGACACAGACCAAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAGTGCAG 600
QY 601 GCTCCCACTGGGATGTGTGTCTCTCAGGAGACCTGTGATGTCATTGTTTGTCTCA 660
DB 601 GCTCCCACTGGGATGTGTGTCTCTCAGGAGACCTGTGATGTCATTGTTTGTCTCA 660
QY 661 CAGTTGGCTTAATATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
DB 661 CAGTTGGCTTAATATATGTGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
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DB 721 TCGTCTCGTTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
QY 781 TCGAGGCGCTTCCGAGAGTCAACAGGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
DB 781 TCGAGGCGCTTCCGAGAGTCAACAGGCTGTGTGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
QY 841 GAGAGAGCCCAACCACTGACCCCAAGACTTGTGACCCCGA 881
DB 841 GAGAGAGCCCAACCACTGACCCCAAGACTTGTGACCCCGA 881
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RESULT 9

US-09-533-262-25  
Sequence 25; Application US/09533262  
GENERAL INFORMATION:  
APPLICANT: NI, Jian  
APPLICANT: Rosen, Craig A.  
APPLICANT: Gentz, Reiner L.  
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like 2  
FILE REFERENCE: 1486.077000A  
CURRENT APPLICATION NUMBER: US/09/533,262  
CURRENT FILING DATE: 2000-03-22  
EARLIER APPLICATION NUMBER: US 60/147,383  
EARLIER FILING DATE: 1999-08-06  
EARLIER APPLICATION NUMBER: US 60/135,169  
EARLIER FILING DATE: 1999-05-20  
EARLIER APPLICATION NUMBER: US 60/126,522  
EARLIER FILING DATE: 1999-03-26  
EARLIER APPLICATION NUMBER: US 60/125,683  
EARLIER FILING DATE: 1999-03-22  
EARLIER APPLICATION NUMBER: US 08/741,095  
EARLIER FILING DATE: 1996-10-30  
EARLIER APPLICATION NUMBER: US 08/464,595  
EARLIER FILING DATE: 1995-06-05  
EARLIER APPLICATION NUMBER: US 08/462,962  
EARLIER FILING DATE: 1995-06-05  
EARLIER APPLICATION NUMBER: US 08/462,315  
EARLIER FILING DATE: 1995-06-05  
EARLIER APPLICATION NUMBER: PCT/US95/05058  
EARLIER FILING DATE: 1995-04-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 25

LENGTH: 881  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (9)..(857)  
FEATURE:  
NAME/KEY: sig\_peptide  
LOCATION: (9)..(122)  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: (123)..(857)  
US-09-533-262-25

Query Match 100.0%; Score 881; DB 23; Length 881;  
Best Local Similarity 100.0%; Pred. No. 7.9e-199;  
Matches 881; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 CCTGAGGACATGAGACCTCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCGAGAA 60
DB 1 CTTGAGGACATGAGACCTCTCTGAGAGACTGGGGGCTCTCTCCCTGGAGATCCACCCCGAGAA 60
QY 61 CCGACGCTTGTAGGCTGTGTATCTCACTTCTGAGAGCCCTGTAGCCCCAG 120
DB 61 CCGACGCTTGTAGGCTGTGTATCTCACTTCTGAGAGCCCTGTAGCCCCAG 120
QY 121 CTCTGCCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
DB 121 CTCTGCCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
QY 181 GTCCAGGTTATCGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
DB 181 GTCCAGGTTATCGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
QY 241 GCCCTCCAGGACCTTCACTTGCCTCAATGAGCTTCAAGCAAGTGTCTGAGTCCCAA 300
DB 241 GCCCTCCAGGACCTTCACTTGCCTCAATGAGCTTCAAGCAAGTGTCTGAGTCCCAA 300
QY 301 TGTGTGACCAAGCATGGGCTGTGGCGGAGCCGGAACCTGCTCCAGAGACAGAGAACGCG 360
DB 301 TGTGTGACCAAGCATGGGCTGTGGCGGAGCCGGAACCTGCTCCAGAGACAGAGAACGCG 360
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QY 361 TGTGTGTTGACACCCAGCCACTTGTGATCTGTCAGAGACGGGGACCACTGGCGCGCT 420  
 Db 361 TGTGTGTTGACACCCAGCCACTTGTGATCTGTCAGAGACGGGGACCACTGGCGCGCT 420  
 QY 421 GCGGCGCTTACGGCACTTCCAGCCCGGCGGAGGTTGAGAGGAGGACCGAGAGTC 480  
 Db 421 GCGGCGCTTACGGCACTTCCAGCCCGGCGGAGGTTGAGAGGAGGACCGAGAGTC 480  
 QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGAGACTTCTCTCCCAATGGGACCTGGAG 540  
 Db 481 AGGACACCTGTGTGAGAACTGCCCCCGGAGACTTCTCTCCCAATGGGACCTGGAG 540  
 QY 541 AATGTAGACACGAGACCAAGTGTGAGTGTGAGAGGCGGAGGCTGGAGACGAGA 600  
 Db 541 AATGTAGACACGAGACCAAGTGTGAGTGTGAGAGGCGGAGGCTGGAGACGAGA 600  
 QY 601 GCTCCACTGGGATAGTGTGTTTCTCTCAGGAGGCTCTGATGATGTTTGTCTCA 660  
 Db 601 GCTCCACTGGGATAGTGTGTTTCTCTCAGGAGGCTCTGATGATGTTTGTCTCA 660  
 QY 661 CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGGGTATGTAGTCAAGGTGA 720  
 Db 661 CAGTTGGCTTAATCATATGTGTGAAAGAAAGCAAGGGGTATGTAGTCAAGGTGA 720  
 QY 721 TGTCTCCGTCCAGCGGAAAGACAGAGGACAGAGGTGAGGCAAGTCAATTGAGGCC 780  
 Db 721 TGTCTCCGTCCAGCGGAAAGACAGAGGACAGAGGTGAGGCAAGTCAATTGAGGCC 780  
 QY 781 TGAAGGCGCTTCCGAGCGTCAACAGGCTGGCGGTGAGAGACAAATACCTCATTCACG 840  
 Db 781 TGAAGGCGCTTCCGAGCGTCAACAGGCTGGCGGTGAGAGACAAATACCTCATTCACG 840  
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 Db 841 GGAGAGCCCAAAACCATGACCCAGAGACTTGACCCCGCA 881

RESULT 10  
 US-09-882-636-45  
 ; Sequence 45, Application US/09882636  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth  
 ; APPLICANT: Lawrence, David, A  
 ; APPLICANT: Roy, Margaret, Ann  
 ; APPLICANT: Wood, William, I.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR  
 ; FILE REFERENCE: P2509R1C1  
 ; CURRENT APPLICATION NUMBER: US/09/882,636  
 ; CURRENT FILING DATE: 2001-06-14  
 ; PRIOR APPLICATION NUMBER: 60/113,296  
 ; PRIOR FILING DATE: December 22, 1998  
 ; PRIOR APPLICATION NUMBER: 60/112,850  
 ; PRIOR FILING DATE: December 16, 1998  
 ; PRIOR APPLICATION NUMBER: 60/107,783  
 ; PRIOR FILING DATE: November 10, 1998  
 ; PRIOR APPLICATION NUMBER: 60/088,742  
 ; PRIOR FILING DATE: June 10, 1998  
 ; PRIOR APPLICATION NUMBER: 60/086,414  
 ; PRIOR FILING DATE: May 22, 1998  
 ; PRIOR APPLICATION NUMBER: 60/083,500  
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 ; PRIOR APPLICATION NUMBER: 60/082,767  
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 ; PRIOR APPLICATION NUMBER: 60/074,086  
 ; PRIOR FILING DATE: February 9, 1998  
 ; PRIOR APPLICATION NUMBER: 60/070,440  
 ; PRIOR FILING DATE: January 5, 1998  
 ; PRIOR APPLICATION NUMBER: 60/069,873  
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 ; PRIOR APPLICATION NUMBER: 60/069,702

;; PRIOR FILING DATE: December 16, 1997  
 ; PRIOR APPLICATION NUMBER: 60/069,694  
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 ; PRIOR FILING DATE: November 24, 1997  
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 ; PRIOR FILING DATE: November 8, 2000  
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 ; PRIOR APPLICATION NUMBER: PCT/US00/13705  
 ; PRIOR FILING DATE: May 17, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/08439  
 ; PRIOR FILING DATE: March 30, 2000  
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 ; PRIOR FILING DATE: March 2, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05004  
 ; PRIOR FILING DATE: February 24, 2000  
 ; PRIOR APPLICATION NUMBER: PCT/US00/04414  
 ; PRIOR FILING DATE: February 22, 2000  
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 ; PRIOR FILING DATE: February 18, 2000  
 ; PRIOR APPLICATION NUMBER: 09/480,284  
 ; PRIOR FILING DATE: January 10, 2000  
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 ; PRIOR FILING DATE: December 16, 1999  
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 ; PRIOR FILING DATE: December 1, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/28409  
 ; PRIOR FILING DATE: November 30, 1999  
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 ; PRIOR FILING DATE: October 18, 1999  
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 ; PRIOR FILING DATE: September 15, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/20111  
 ; PRIOR FILING DATE: September 1, 1999  
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 ; PRIOR FILING DATE: August 25, 1999  
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 ; PRIOR FILING DATE: August 25, 1999  
 ; PRIOR APPLICATION NUMBER: 09/367,206  
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 ; PRIOR APPLICATION NUMBER: PCT/US99/08847  
 ; PRIOR FILING DATE: April 23, 1999  
 ; PRIOR APPLICATION NUMBER: 09/298,404  
 ; PRIOR FILING DATE: April 23, 1999  
 ; PRIOR APPLICATION NUMBER: 09/284,291  
 ; PRIOR FILING DATE: April 12, 1999  
 ; PRIOR APPLICATION NUMBER: PCT/US99/05028  
 ; PRIOR FILING DATE: March 8, 1999

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; PRIOR APPLICATION NUMBER: 09/254,311
; PRIOR FILING DATE: March 3, 1999
; PRIOR APPLICATION NUMBER: PCT/US99/00106
; PRIOR FILING DATE: January 5, 1999
; PRIOR APPLICATION NUMBER: 09/218,517
; PRIOR FILING DATE: December 22, 1998
; PRIOR APPLICATION NUMBER: 09/216,021
; PRIOR FILING DATE: December 16, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/25108
; PRIOR FILING DATE: December 1, 1998
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: September 15, 1998
; PRIOR APPLICATION NUMBER: 09/065,275
; PRIOR FILING DATE: April 23, 1998
; PRIOR APPLICATION NUMBER: 08/987,902
; PRIOR FILING DATE: December 10, 1997
; PRIOR APPLICATION NUMBER: PCT/US97/22278
; PRIOR FILING DATE: December 5, 1997
; NUMBER OF SEQ ID NOS: 113
; SEQ ID NO 45
; LENGTH: 1049
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-882-636-45
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Query Match      99.8%; Score 879.4; DB 37; Length 1049;
Best Local Similarity 99.9%; Pred. No. 2e-198;
Matches *880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 61 CCGAGCTCTTGAAGCTGTGTATCTCACTTCTGGAGACCCCTGTACGCCCCAG 120
DB 134 CCGAGCTCTTGAAGCTGTGTATCTCACTTCTGGAGACCCCTGTACGCCCCAG 193
QY 121 CTCTGCCGCTCTGAGAGAGAGAGATCCAGTGGGCTCCGAGTGTCTGCCCAAGTGCA 180
DB 194 CTCTGCCGCTCTGAGAGAGAGAGATCCAGTGGGCTCCGAGTGTCTGCCCAAGTGCA 253
QY 181 GTCCAGTTATCGGTGAAGAGGCTGGGGGCTGAGGGGACAGTGTGAACCT 240
DB 254 GTCCAGTTATCGGTGAAGAGGCTGGGGGCTGAGGGGACAGTGTGAACCT 313
QY 241 GCCCTCCAGGACCTTACATTCGCCCACTCAATGGCTTAAGCAATGTCTGAGTCCAAA 300
DB 314 GCCCTCCAGGACCTTACATTCGCCCACTCAATGGCTTAAGCAATGTCTGAGTCCAAA 373
QY 301 TGTGTGACCCAGCATGGGCTGGCGGAGCCGGAATGTCTCCAGACAGAGACCCG 360
DB 374 TGTGTGACCCAGCATGGGCTGGCGGAGCCGGAATGTCTCCAGACAGAGACCCG 433
QY 361 TGTGTGTGAGAGCCAGGCACTTTCGATCGTCCAGAGAGGGGACCACTGGCCGGT 420
DB 434 TGTGTGTGAGAGCCAGGCACTTTCGATCGTCCAGAGAGGGGACCACTGGCCGGT 493
QY 421 GCCGCGTTACGCCACCTCCAGCCCGGAGCCAGAGGGTGCAGAAAGGAGGACCCAGAGTC 480
DB 494 GCCGCGTTACGCCACCTCCAGCCCGGAGCCAGAGGGTGCAGAAAGGAGGACCCAGAGTC 553
QY 481 AGGACACCTCTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGACCTTGAGG 540
DB 554 AGGACACCTCTGTGAGAACTGCCCCCGGGGACCTTCTCTCCAAATGGACCTTGAGG 613
QY 541 AATTTGAGACCAACCAAGTGCAGTGGCTGGTGAAGGACCGGAGCTGGGACCAAGA 600
DB 614 AATTTGAGACCAACCAAGTGCAGTGGCTGGTGAAGGACCGGAGCTGGGACCAAGA 673
QY 601 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTCATGTCATATGTTGCTCA 660
DB 674 GCTCCCACTGGGTATGTTGTTCTCTCAGGAGACCTGTCATGTCATATGTTGCTCA 733
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QY 661 CAGTTGGCCTAATCATATGTGTGAAGAAAGAACCAAGCGGTATGTAGTCAAGTGA 720
DB 734 CAGTTGGCCTAATCATATGTGTGAAGAAAGAACCAAGCGGTATGTAGTCAAGTGA 793
QY 721 TCGTCTCCGTCGAGGAAAGACAGAGGACGAAGGTAGGACCATGATGAGGCC 780
DB 794 TCGTCTCCGTCGAGGAAAGACAGAGGACGAAGGTAGGACCATGATGAGGCC 853
QY 781 TCGAGGCCCCCTCCGAGCTACCAAGTGGCGGTGAGAGACATATCCCTCATTCAGG 840
DB 854 TCGAGGCCCCCTCCGAGCTACCAAGTGGCGGTGAGAGACATATCCCTCATTCAGG 913
QY 841 GGAGAGCCCAACCACTGACCCAGACCTTGCACCCCGA 881
DB 914 GGAGAGCCCAACCACTGACCCAGACCTTGCACCCCGA 954

RESULT 11
US-09-886-342-59
; Sequence 59, Application US/09886342
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi, J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul, J.
; APPLICANT: Gurney, Austin, L.
; APPLICANT: Marsters, Scott, A.
; APPLICANT: Napier, Mary, A.
; APPLICANT: Pletti, Robert, M.
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC
; TITLE OF INVENTION: CELL GROWTH
; FILE REFERENCE: P2834RIPT
; CURRENT APPLICATION NUMBER: US/09/886,342
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 60/032,705
; PRIOR FILING DATE: December 12, 1996
; PRIOR APPLICATION NUMBER: 60/059,115
; PRIOR FILING DATE: September 17, 1997
; PRIOR APPLICATION NUMBER: 60/059,184
; PRIOR FILING DATE: September 17, 1997
; PRIOR APPLICATION NUMBER: 60/059,352
; PRIOR FILING DATE: September 19, 1997
; PRIOR APPLICATION NUMBER: 60/059,588
; PRIOR FILING DATE: September 19, 1997
; PRIOR APPLICATION NUMBER: 60/062,037
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; PRIOR APPLICATION NUMBER: 60/063,127
; PRIOR FILING DATE: October 24, 1997
; PRIOR APPLICATION NUMBER: 60/064,809
; PRIOR FILING DATE: November 7, 1997
; PRIOR APPLICATION NUMBER: 60/066,364
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; PRIOR APPLICATION NUMBER: 60/078,004
; PRIOR FILING DATE: March 13, 1998
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; PRIOR APPLICATION NUMBER: 60/079,728
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; PRIOR APPLICATION NUMBER: 60/081,071
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; PRIOR FILING DATE: September 17, 1998
; PRIOR APPLICATION NUMBER: 60/113,296
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 PRIOR APPLICATION NUMBER: 60/134,287  
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 PRIOR APPLICATION NUMBER: 60/144,758  
 PRIOR FILING DATE: July 20, 1999  
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 PRIOR APPLICATION NUMBER: 08/934,494  
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 PRIOR APPLICATION NUMBER: 08/933,821  
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 PRIOR FILING DATE: October 29, 1997  
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 PRIOR FILING DATE: December 5, 1997  
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 PRIOR FILING DATE: October 9, 1998  
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 PRIOR FILING DATE: January 5, 1999  
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 PRIOR FILING DATE: March 5, 1999  
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 PRIOR FILING DATE: June 14, 1999  
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 PRIOR FILING DATE: October 18, 1999  
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 PRIOR FILING DATE: November 12, 1999  
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 PRIOR FILING DATE: February 11, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/04341  
 PRIOR FILING DATE: February 18, 2000  
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 PRIOR FILING DATE: May 17, 2000  
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 PRIOR FILING DATE: May 22, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/15264  
 PRIOR FILING DATE: June 2, 2000  
 PRIOR APPLICATION NUMBER: 09/664,610  
 PRIOR FILING DATE: September 18, 2000  
 PRIOR APPLICATION NUMBER: 09/665,350  
 PRIOR FILING DATE: September 18, 2000  
 PRIOR APPLICATION NUMBER: 09/690,169  
 PRIOR FILING DATE: October 16, 2000  
 PRIOR APPLICATION NUMBER: 09/690,189  
 PRIOR FILING DATE: October 16, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/32678  
 PRIOR FILING DATE: December 1, 2000  
 PRIOR APPLICATION NUMBER: 09/808,689  
 PRIOR FILING DATE: March 14, 2001  
 NUMBER OF SEQ ID NOS: 79  
 SEQ ID NO: 59  
 LENGTH: 1049  
 TYPE: DNA  
 ORGANISM: Homo Sapien  
 US-09-866-342-59

Query Match 99.8%; Score 879.4; DB 37; Length 1049;  
 Best Local Similarity 99.9%; Pred. No. 2e-198;  
 Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTAGGATGAGGCTCTGAGAGCTGGGGCTCTCTGAGATCCACCCAGAA 60  
 DB 74 CCTAGGATGAGGCTCTGAGAGCTGGGGCTCTCTGAGATCCACCCAGAA 133  
 QY 61 CCTAGGATGAGGCTCTGAGATCCACCTCTCTGAGAGCCCTGTAACGCCAG 120

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Db      134  CCGACGCTTGAGGCTGTGTATCTACCTTCTGGAGCCCTCTGACGCCAG 193
QY      121  CTCTGCCGCTCTGCAAGAGAGACAGATACCAGTGGCTCCAGTGTCTGCCAAGTGA 180
      194  CTCTGCCGCTCTGCAAGAGAGAGACAGATACCAGTGGCTCCAGTGTCTGCCAAGTGA 253
QY      181  GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGAGAGGCAAGTGTGAACCT 240
      254  GTCCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGAGAGGCAAGTGTGAACCT 313
QY      241  GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTACGAAAGTGTCTGAGCCAA 300
      314  GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTACGAAAGTGTCTGAGCCAA 373
Db      301  TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAATCTGCTCCAGAGACAGAAACGCG 360
      374  TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAATCTGCTCCAGAGACAGAAACGCG 433
QY      361  TGTGTGTTGACGCGCCAGGCACTTCTGCACTCTCCAGAGACAGAGGCACTGCGCGCGCT 420
      434  TGTGTGTTGACGCGCCAGGCACTTCTGCACTCTCCAGAGACAGAGGCACTGCGCGCGCT 493
QY      421  GCCCGCTTACGACCTCCAGCCCGGGCCAGAGGCTGACAGAGGAGGACCGAGAGT 480
      494  GCCCGCTTACGACCTCCAGCCCGGGCCAGAGGCTGACAGAGGAGGACCGAGAGT 553
QY      481  AGGACACCTGTGTGACAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG 540
      554  AGGACACCTGTGTGACAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG 613
QY      541  AATGTGACACCAAGCAAGTGCAGTGTGTGAGAGGCGGAGCTGGAGACCAAGCA 600
      614  AATGTGACACCAAGCAAGTGCAGTGTGTGAGAGGCGGAGCTGGAGACCAAGCA 673
QY      601  GCTCCCACTGAGTATGTGTGTTCTCTCAGGAGACCTGTCATGATGTTGTCTCA 660
      674  GCTCCCACTGAGTATGTGTGTTCTCTCAGGAGACCTGTCATGATGTTGTCTCA 733
Db      661  CAGTTGGCTTAATCATATGTGTGAAAAGAAAAGCAAGGGGTGATGTATCAAGTGA 720
      734  CAGTTGGCTTAATCATATGTGTGAAAAGAAAAGCAAGGGGTGATGTATCAAGTGA 793
QY      721  TCGTCTCCGTTCCAGCGGAAAAAGACAGAGAGGCAAGGTGAGCCACATTTAGAGCC 780
      794  TCGTCTCCGTTCCAGCGGAAAAAGACAGAGAGGCAAGGTGAGCCACATTTAGAGCC 853
QY      781  TGCAGGCCCCCTCCGAGAGTCAACAGGCTGCGTGAAGAGACAATACCTCATTTACGG 840
      854  TGCAGGCCCCCTCCGAGAGTCAACAGGCTGCGTGAAGAGACAATACCTCATTTACGG 913
QY      841  GGAGAGCCCCAACCACTGACCCACAGACTTGTGACCCCGA 881
      914  GGAGAGCCCCAACCACTGACCCACAGACTTGTGACCCCGA 954
Db

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RESULT 12
; Sequence 56, Application US/60438735
; GENERAL INFORMATION:
; APPLICANT: Amier, Lukas C.
; TITLE OF INVENTION: PREDICTORS AND METHODS FOR DETERMINING SENSITIVITY TO EPIDERMAL
; FILE REFERENCE: D0304 PSP
; CURRENT APPLICATION NUMBER: US/60/438,735
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 1621
; TYPE: DNA
; ORGANISM: Human
US-60-438-735-56

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Query Match      99.8%; Score 879.4; DB 98; Length 1621;
Best Local Similarity 99.9%; Pred. No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Query	Match	Score	DB	Length
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268	CTGAGGACATGAGGCTCTCTGAGACTGGAGGCTCTCTCTGAGATCAACCCCGAGA	327		
61	CCGAGGACCTGAGGCTCTCTGAGACTGGAGGCGCTCTCCGAGAGTCAACCCCGAGA	120		
328	CCGAGGACCTGAGGCTCTCTGAGACTGGAGGCGCTCTCCGAGAGTCAACCCCGAGA	387		
121	CTGAGGACCTGAGGCTCTCTGAGACTGGAGGCGCTCTCCGAGAGTCAACCCCGAGA	180		
388	CTGAGGACCTGAGGCTCTCTGAGACTGGAGGCGCTCTCCGAGAGTCAACCCCGAGA	447		
181	GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGAGGCAAGTGTGAACCT	240		
448	GTCAGGTTATCGTGTGAAGAGGCTGCGGGAGCTGACGAGGCAAGTGTGAACCT	507		
241	GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTACGAAAGTGTCTGAGCCAA	300		
508	GCCCTCCAGGACCTTACATTGCCCCACCTCAATGAGCTTACGAAAGTGTCTGAGCCAA	567		
301	TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAATCTGCTCCAGAGACAGAAACGCG	360		
568	TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAATCTGCTCCAGAGACAGAAACGCG	627		
361	TGTGTGTTGACGCGCCAGGCACTTCTGCACTCTCCAGAGACAGAGGCACTGCGCGCGCT	420		
628	TGTGTGTTGACGCGCCAGGCACTTCTGCACTCTCCAGAGACAGAGGCACTGCGCGCGCT	687		
421	GCCCGCTTACGACCTCCAGCCCGGGCCAGAGGCTGACAGAGGAGGACCGAGAGT	480		
688	GCCCGCTTACGACCTCCAGCCCGGGCCAGAGGCTGACAGAGGAGGACCGAGAGT	747		
481	AGGACACCTGTGTGACAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG	540		
748	AGGACACCTGTGTGACAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGACCTTGAGG	807		
541	AATGTGACACCAAGCAAGTGCAGTGTGTGAGAGGCGGAGCTGGAGACCAAGCA	600		
808	AATGTGACACCAAGCAAGTGCAGTGTGTGAGAGGCGGAGCTGGAGACCAAGCA	867		
601	GCTCCCACTGAGTATGTGTGTTCTCTCAGGAGACCTGTCATGATGTTGTCTCA	660		
868	GCTCCCACTGAGTATGTGTGTTCTCTCAGGAGACCTGTCATGATGTTGTCTCA	927		
661	CAGTTGGCTTAATCATATGTGTGAAAAGAAAAGCAAGGGGTGATGTATCAAGTGA	720		
928	CAGTTGGCTTAATCATATGTGTGAAAAGAAAAGCAAGGGGTGATGTATCAAGTGA	987		
721	TCGTCCTCCGTTCCAGCGGAAAAAGACAGAGAGGCAAGGTGAGCCACATTTAGAGCC	780		
988	TCGTCCTCCGTTCCAGCGGAAAAAGACAGAGAGGCAAGGTGAGCCACATTTAGAGCC	1047		
781	TGCAGGCCCCCTCCGAGAGTCAACAGGCTGCGTGAAGAGACAATACCTCATTTACGG	840		
1048	TGCAGGCCCCCTCCGAGAGTCAACAGGCTGCGTGAAGAGACAATACCTCATTTACGG	1107		
841	GGAGAGCCCCAACCACTGACCCACAGACTTGTGACCCCGA	881		
1108	GGAGAGCCCCAACCACTGACCCACAGACTTGTGACCCCGA	1148		

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RESULT 13
; Sequence 1, Application PC/TUS0310955
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Antibodies that Specifically Bind to TR2
; FILE REFERENCE: PF579PCT

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/ CURRENT APPLICATION NUMBER: PCT/US03/10955
/ CURRENT FILING DATE: 2003-04-10
/ PRIOR APPLICATION NUMBER: 60/371,722
/ PRIOR FILING DATE: 2002-04-12
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1
/ LENGTH: 1704
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (265)..(1113)
/ OTHER INFORMATION:
PCT-US03-10955-1

Query Match      99.8%; Score 879.4; DB 1; Length 1704;
Best Local Similarity 99.9%; Pred. No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 CCTGAGGATGAGAGGCTCTGAGAGAGTGGGGGCTCTCTCCCTGAGATCCACCCCGAGA 60
DB 257 CCTGAGGATGAGAGGCTCTCTGAGAGAGTGGGGGCTCTCTCCCTGAGATCCACCCCGAAA 316
QY 61 CCGACGCTTGAAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTAGCCCGAG 120
DB 317 CCGACGCTTGAAGGCTGCTGTATCTCACTTCTGAGAGCCCTGCTAGCCCGAG 376
QY 121 CTCTGCGCTCTGCAAGAGAGAGAGATCCAGTGGGCTTCGAGTCTGCCCCCAAGTGA 180
DB 377 CTCTGCGCTCTGCAAGAGAGAGAGATCCAGTGGGCTTCGAGTCTGCCCCCAAGTGA 436
QY 181 GTCCAGGTTATGCTGGAAGAGAGAGCTGCGGGAGAGTGAAGGAGAGTGAAGTGAACCT 240
DB 437 GTCCAGGTTATGCTGGAAGAGAGAGCTGCGGGAGAGTGAAGGAGAGTGAAGTGAACCT 496
QY 241 GCCCTTCAGAGCACTTACATTTGCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCTAA 300
DB 497 GCCCTTCAGAGCACTTACATTTGCCACCTCAATGGCTTAAGCAAGTGTCTGAGTGCCTAA 556
QY 301 TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAACCTGCTTCAGAGACAGAGACGCCG 360
DB 557 TGTGTGACCCAGCCATGGGCTGCGCGCGAGCCGGAACCTGCTTCAGAGACAGAGACGCCG 616
QY 361 TGTGTGTTGAGAGCCAGCCAGCCACTTGTGATGTCTCCAGAGACGAGGAGCACTGGCGCGCT 420
DB 617 TGTGTGTTGAGAGCCAGCCAGCCACTTGTGATGTCTCCAGAGACGAGGAGCACTGGCGCGCT 676
QY 421 GCCGCGCTTACGCGCACTTCACGCGCGGAGCGAGAGTGCAGAGAGAGCACTGGAGTGC 480
DB 677 GCCGCGCTTACGCGCACTTCACGCGCGGAGCGAGAGTGCAGAGAGAGCACTGGAGTGC 736
QY 481 AGGACACCCCTGTGTGAGAACTGCGCGCGGAGCCTTCTCTCCCAATGGGACCTGTGAGG 540
DB 737 AGGACACCCCTGTGTGAGAACTGCGCGCGGAGCCTTCTCTCCCAATGGGACCTGTGAGG 796
QY 541 AATGTGAGACCAAGCAAGTGAAGTGGTGTGAGAGAGCGAGCTGGGAGCCAGCA 600
DB 797 AATGTGAGACCAAGCAAGTGAAGTGGTGTGAGAGAGCGAGCTGGGAGCCAGCA 856
QY 601 GCTCCACTGGGATAGTGGTGTCTCTCAGAGAGAGCTCGTCAATCGTCAATGTTGTGTCA 660
DB 857 GCTCCACTGGGATAGTGGTGTCTCTCAGAGAGAGCTCGTCAATCGTCAATGTTGTGTCA 916
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 720
DB 917 CAGTTGGCTTAATCATATGTGTGAAAAAGAAAGCAAGGGGTGATGTAGTCAAGTGA 976
QY 721 TGGTCCCGTCCAGAGGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
DB 977 TGGTCCCGTCCAGAGGAGAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1036
QY 781 TGCAGGCCCCCTCGAGAGTCAACCAAGGTGGCGTGAAGAGAGACAATACCTCATTCACGG 840

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DB 1037 TGCAGGCCCCCTCGAGAGTCAACCAAGGTGGCGGTGAGAGAGACAATACCTCATTCACGG 1096
QY 841 GGAGAGCCCCCAACCACTAACCACAGACTGTGCACCCCGGA 881
DB 1097 GGAGAGCCCCCAACCACTAACCACAGACTGTGCACCCCGGA 1137

RESULT 14
PCT-US96-18540-1
/ Sequence 1, Application PC/TUS9618540
/ GENERAL INFORMATION:
/ APPLICANT: Human Genome Sciences, Inc.
/ APPLICANT: 9410 Key West Avenue
/ APPLICANT: Rockville, MD 20850
/ APPLICANT: United States of America
/ APPLICANT: 709 Swedeland Road
/ APPLICANT: King of Prussia, PA 19406
/ APPLICANT: United States of America
/ APPLICANT: Rosen, Craig A.
/ APPLICANT: Gentz, Reiner L.
/ APPLICANT: Lynn, Sally Doreen Patricia
/ APPLICANT: Hurtle, Mark Robert
/ TITLE OF INVENTION: Human Tumor Necrosis Factor
/ NUMBER OF SEQUENCES: 24
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSER: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
/ STREET: 1100 New York Ave, Suite 600
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US96/18540
/ FILING DATE: Herewith
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Goldstein, Jorge A.
/ REGISTRATION NUMBER: 29,021
/ REFERENCE/DOCKET NUMBER: 1488.07PC04/JAG/EKS/SCW
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-271-2540
/ TELEFAX: 202-271-2540
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1704 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 265..1113
/ FEATURE:
/ NAME/KEY: sig_peptide
/ LOCATION: 265..372
/ FEATURE:
/ NAME/KEY: mac_peptide
/ LOCATION: 373..1113
/ PCT-US96-18540-1

Query Match      99.8%; Score 879.4; DB 1; Length 1704;
Best Local Similarity 99.9%; Pred. No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1 CCTGAGGATGAGAGGCTCTGAGAGAGTGGGGGCTCTCTCCCTGAGATCCACCCCGAGA 60

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Db      317  CCGACGCTTTGAGGCTGTGCTGTATCTCACTTTCTGGAGCCCCCTGCTTACGCCAG 376
QY      121  CTCTGCGCTCTGCAAGAGAGAGACAGATACCAGAGGGCTCCAGTGTGTGCCCAAGTGA 180
Db      377  CTCTGCGCTCTGCAAGAGAGAGACAGATACCAGAGGGCTCCAGTGTGTGCCCAAGTGA 436
QY      181  GTCCAGGTTATGCTGTAAAGAGGCTGCGGGAGCTGACGGGACAGTGTGTAAACCT 240
Db      437  GTCCAGGTTATGCTGTAAAGAGGCTGCGGGAGCTGACGGGACAGTGTGTAAACCT 496
QY      241  GCCCTCCAGGACCTTACATTGCCCCCACTCAATGGCTTAAGCAAGTGTGTGAGTCCAAA 300
Db      497  GCCCTCCAGGACCTTACATTGCCCCCACTCAATGGCTTAAGCAAGTGTGTGAGTCCAAA 556
QY      301  TGTGTGACCAAGCATGGGCTGTGGCGGAGCGCGGAATGTCTCCAGAGACAGAACGCCG 360
Db      557  TGTGTGACCAAGCATGGGCTGTGGCGGAGCGCGGAATGTCTCCAGAGACAGAACGCCG 616
QY      361  TGTGTGCTGAGCGCCAGGCACTTGTGCAATGCTGACAGACGGGAGACCACTGCGCGCGT 420
Db      617  TGTGTGCTGAGCGCCAGGCACTTGTGCAATGCTGACAGACGGGAGACCACTGCGCGCGT 676
QY      421  GCCGCGCTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCGAGAGTC 480
Db      677  GCCGCGCTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCGAGAGTC 736
QY      481  AGGACACCCCTGTGTGCAAACTGCCCCCGGGGACCTTCTCCCAATGGGAGCCCTGGAGG 540
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QY      541  AATGTGACGACACAGACCAAGTGCAGCTGTGTGACGAAGCCGGAGCTGGACACGCA 600
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QY      781  TGACAGGCCCTCCGAGAGTCAACAGGCTGCGGTGAGAGACAATACTTCATTCAACGG 840
Db      1037  TGACAGGCCCTCCGAGAGTCAACAGGCTGCGGTGAGAGACAATACTTCATTCAACGG 1096
QY      841  GAGAGAGCCCAAAACCACTGACCAAGACTCTGCACCCCA 881
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# RESULT 15 PCT-US03-10955-1

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; Sequence 1, Application PC/TUS0310955
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Antibodies that Specifically Bind to TR2
; FILE REFERENCE: P5799PCT
; CURRENT APPLICATION NUMBER: PCT/US03/10955
; PRIOR FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 60/371,722
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1

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; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (265) ..(1113)
; OTHER INFORMATION:
PCT-US03-10955-1

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Query Match      99.8%; Score 879.4; DB 2; Length 1704;
Best Local Similarity 99.9%; Pred. No. 2.1e-198;
Matches 880; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      121  CTCTGCGCTCTGCAAGAGAGAGACAGATACCAGAGGGCTCCAGTGTGTGCCCAAGTGA 180
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QY      361  TGTGTGCTGAGCGCCAGGCACTTGTGCAATGCTGACAGACGGGAGACCACTGCGCGCGT 420
Db      617  TGTGTGCTGAGCGCCAGGCACTTGTGCAATGCTGACAGACGGGAGACCACTGCGCGCGT 676
QY      421  GCCGCGCTTACGCCACTTCCAGCCCGGGCCAGAGGGTGCAGAAAGGAGGACCGAGAGTC 480
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QY      481  AGGACACCCCTGTGTGCAAACTGCCCCCGGGGACCTTCTCCCAATGGGAGCCCTGGAGG 540
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QY      601  GCTCCCACTGGGATGTGTGTTCTCTCAGGAGAGCTCTGTCATGTCATGTTTGTCTCA 660
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QY      661  CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTCAAGGTGA 720
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QY      781  TGACAGGCCCTCCGAGAGTCAACAGGCTGCGGTGAGAGACAATACTTCATTCAACGG 840
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QY      841  GAGAGAGCCCAAAACCACTGACCAAGACTCTGCACCCCA 881
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us-08-741-095b-25.rmp

Page 15

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GenCore version 5.1.6  
Copyright (c) 1993 - 2003 Compugen Ltd

OM nucleic - nucleic search, using sw model

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**Pred.** No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

## SUMMARIES

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1	879.4	99.8	1724	1	PCT-US02-29560A-117	Sequence 117, Appl
2	877.8	99.6	1517	7	US-60-512-690-730	Sequence 730, Appl
3	877.8	99.6	1550	7	US-60-512-690-729	Sequence 729, Appl
4	877.8	99.6	1558	6	US-10-332-281-545	Sequence 545, Appl
5	877.8	99.6	1558	7	US-60-512-690-731	Sequence 731, Appl
6	877.8	99.6	1930	6	US-10-332-281-547	Sequence 547, Appl
7	877.8	99.6	2260	6	US-10-332-281-549	Sequence 549, Appl
8	877.8	99.6	2271	7	US-60-512-690-728	Sequence 728, Appl
9	797.2	90.5	1540	1	PCT-US03-28827-439	Sequence 439, Appl
10	797.2	90.5	1583	1	PCT-US03-28827-438	Sequence 438, Appl
11	797.2	90.5	1765	1	PCT-US03-28827-437	Sequence 437, Appl
12	797.2	90.5	1985	1	PCT-US03-28827-436	Sequence 436, Appl
13	797.2	90.5	1994	7	US-60-512-690-733	Sequence 733, Appl
14	571.4	64.9	2492	7	US-60-512-690-732	Sequence 732, Appl
15	424.6	48.2	3459	5	US-09-540-233D-67995	Sequence 67995, Appl
16	243.8	27.7	2447	5	US-09-540-233D-27025	Sequence 27025, Appl
17	194	22.0	195	5	US-09-540-233D-15307	Sequence 15307, Appl
18	191	21.7	236	5	US-09-540-233D-15309	Sequence 15309, Appl
19	182.4	20.7	236	5	US-10-332-281-544	Sequence 544, Appl
20	160.6	18.2	28049	6	US-09-540-233D-56481	Sequence 56481, Appl
21	160.2	18.2	834	6	US-09-540-233D-72298	Sequence 72298, Appl
22	153	17.4	265	5	US-09-540-233D-38955	Sequence 38955, Appl
23	145	16.5	217	5	US-09-540-233D-104830	Sequence 104830, Appl
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25	132	15.0	204	5	US-09-540-233D-38955	Sequence 38955, Appl
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27	103.4	11.7	243	5	US-09-540-233D-11371	Sequence 11371, A
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29	89	10.1	28049	6	US-10-332-281-544	Sequence 544, App
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31	62.6	7.1	3459	7	US-60-512-690-732	Sequence 732, App
32	60.8	6.9	1276	1	PCT-US03-24669-151	Sequence 151, App
33	60.8	6.9	1674	1	PCT-US03-28227-1139	Sequence 1139, App
34	60.8	6.9	1761	1	PCT-US03-28227-1138	Sequence 1138, App
35	60.8	6.9	1778	1	PCT-US03-24669-148	Sequence 148, App
36	60.8	6.9	1782	1	PCT-US03-28927-1137	Sequence 1137, App
37	60.8	6.9	2048	1	PCT-US03-24669-147	Sequence 147, App
38	60.8	6.9	2077	1	PCT-US03-24669-146	Sequence 146, App
39	60.8	6.9	2244	1	PCT-US03-24669-145	Sequence 145, App
40	60.8	6.9	2244	1	PCT-US03-24669-108	Sequence 208, App
41	60.8	6.9	2785	1	PCT-US03-24669-149	Sequence 149, App
42	60.4	6.9	705	5	US-09-882-735A-15	Sequence 15, App
43	60.4	6.9	2323	4	US-08-448-783B-11	Sequence 11, App
44	59.6	6.8	3577	7	US-08-448-640-147	Sequence 747, App
45	58	6.6	1471	1	PCT-US03-31974-31	Sequence 31, App

	RESULT 1	
	PCT-US02-29560A-117	
	; Sequence 117, Application PC/TUS0229560A	
	GENERAL INFORMATION:	
	APPLICANT: Afar, Daniel	
	APPLICANT: Aziz, Natasha	
	APPLICANT: Gish, Kurt C.	
	APPLICANT: Hevezl, Peter A.	
	APPLICANT: Mack, David H.	
	APPLICANT: Wilson, Keith E.	
	APPLICANT: Zlotnick, Albert	
	APPLICANT: Bos Biotechnology, Inc.	
	TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and	
	FILE REFERENCE: 018501-002710PC	
	CURRENT APPLICATION NUMBER: PCT/US02/29560A	
	CURRENT FILING DATE: 2002-09-17	
	PRIOR APPLICATION NUMBER: US 60/323,469	
	PRIOR FILING DATE: 2001-09-17	
	NUMBER OF SEQ ID NOS: 412	
	SOFTWARE: FastSeq for Windows Version 3.0	
	SEQ ID NO 117	
	LENGTH: 1724	
	TYPE: DNA	
	ORGANISM: Homo sapiens	
	PCT-US02-29560A-117	
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	Best Local Similarity	99.9%; Pred.No.5.1e-224;
	Matches 880; Conservative	0; Mismatches 1; Indels 0; Gaps 0
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Dy	286 CCTGAGGACATGAGGCTCCTTGGAGA.CTGGGGGCCCTTCCTCGTGAGATCCACCCCAGAA	345
OY	61 CGACACTTTGAGGCTGTGTCTCATCTTCCTTGGAGAGCCCCCTGTAGAGCCCCAG	120
Dy	346 CGACACTTTGAGGCTGTGTCTCATCTTCCTTGGAGAGCCCCCTGTAGAGCCCCAG	405
OY	121 CTCTGCCGCTCTTCGAAGAAGACAGATACCAGATGGGGCTCCGAGTGTCTGCCCAAGTGA	180
Dy	406 CTCTGCCGCTCTTCGAAGAAGACAGATACCAGATGGGGCTCCGAGTGTCTGCCCAAGTGA	465
OY	181 GTCCAGGTTATGTGTGGAAGAGGCTGCGGGGAGCTGACGAGGGACAAGTGTGGAACCT	240
Dy	466 GTCCAGGTTATGTGTGGAAGAGGCTGCGGGGAGCTGACGAGGGACAAGTGTGGAACCT	525
OY	241 GCCCTTCAGGACCCTCAATTGCCACCTCAATGGCCTTAAGCAAGTGTCTGCAGTGCCAA	300

Db 526 GCCCTCCAGGACCTACATTGCCCCACTCATATGAGCTTACGAAGTGTCTGACGTGCCAAA 585  
QY 301 TGTGTGACCCAGCCATGGGCTGTGGCGCGAGCCGGAACTGCTCCAGGACAGAGAAGCCCG 360  
Db 586 TGTGTGACCCAGCCATGGGCTGTGGCGCGAGCCGGAACTGCTCCAGGACAGAGAAGCCCG 645  
QY 361 TGTGTGATGTCAGCCCGGACCTTCTTCATCTGTCAGAGACGGGAGACCACTGGCCCGCT 420  
Db 646 TGTGTGATGTCAGCCCGGACCTTCTTCATCTGTCAGAGACGGGAGACCACTGGCCCGCT 705  
QY 421 GCCGCGCTTACGCGACCTCCAGCCCGGAGCCAGAGGGTGCAGAGGGAGGACCGAGAGTC 480  
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QY 481 AGGACACCTGTGTGACAGACCTGCCCCCGGAGACCTTCTCTCCCAATGGGACCTGGAGG 540  
Db 766 AGGACACCTGTGTGACAGACCTGCCCCCGGAGACCTTCTCTCCCAATGGGACCTGGAGG 825  
QY 541 AATGTGACGACCAAGCAAGTGCAGCTGGCTGTGTGAGAGAGCCGGAGCTGGGACCAAGCA 600  
Db 826 AATGTGACGACCAAGCAAGTGCAGCTGGCTGTGTGAGAGAGCCGGAGCTGGGACCAAGCA 885  
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCTCATGTCATGTTGTGCTCCA 660  
Db 886 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCTCATGTCATGTTGTGCTCCA 945  
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QY 721 TCGTCTCCGTCGACCGGAAAAGACAGAGGACAGAGGTGAGCCACAGTCAATTGAGGCC 780  
Db 1006 TCGTCTCCGTCGACCGGAAAAGACAGAGGACAGAGGTGAGCCACAGTCAATTGAGGCC 1065  
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QY 841 GGAAGAGCCCAACCACTGACCCACAGACTCTTGACCCCGA 881  
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RESULT 2  
US-60-512-690-730  
; Sequence 730, Application US/60512690  
; GENERAL INFORMATION:  
; APPLICANT: DOMON, Bruno  
; APPLICANT: HE, Tao  
; APPLICANT: LI, Aiqun  
; APPLICANT: ZHANG, Xiaolong  
; APPLICANT: KETCHUM, Karen  
; APPLICANT: MCCAFFERY, Ian  
; APPLICANT: NARAYAN, Vaibhav  
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES  
; FILE REFERENCE: CU001478PROV  
; CURRENT APPLICATION NUMBER: US/60/512,690  
; NUMBER OF SEQ ID NOS: 2003-10-23  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 730  
; LENGTH: 1517  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-60-512-690-730

Query Match 99.6%; Score 877.8; DB 7; Length 1517;  
Best Local Similarity 99.8%; Pred. No. 1,36-223;  
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
1 CCTGAGGATGAGCTTCTGAGAGCTGGGGGCTCCCTGAGATCCACCCCAAG 60  
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QY 61 CCGAGCTCTTGAAGCTGTGTGTATCTACCTTCTGGAGGCCCCCTGACGCCAG 120  
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QY 121 CTTGCGCTTCTGCAAGGAGAGAGTACCTCACTGTGGCTTCCAGTGTCTCCCAATGTGA 180  
Db 222 CTTGCGCTTCTGCAAGGAGAGAGTACCTCACTGTGGCTTCCAGTGTCTCCCAATGTGA 281  
QY 181 GTCCAGGTTATCGTGTGAAGAGAGGCTGCGGGAGCTGACGGGACAGTGTGTGAACCT 240  
Db 282 GTCCAGGTTATCGTGTGAAGAGAGGCTGCGGGAGCTGACGGGACAGTGTGTGAACCT 341  
QY 241 GCCCTCAGGACCTTACATTTGCCACTCAATGAGCTTAAGCAAGTGTTCAGTGTCCAAA 300  
Db 342 GCCCTCAGGACCTTACATTTGCCACTCAATGAGCTTAAGCAAGTGTTCAGTGTCCAAA 401  
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Db 402 TGTGTGACCCAGCCATGAGGCTGCGGAGCCGGAACCTGCTCAGAGACAGAGAAGCCG 461  
QY 361 TGTGTGATGTCAGCCCGACCACTTCTGCATCTGTCAGAGACGGGACCACTGGCCGCT 420  
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QY 421 GCCGCGCTTACGCGACCTTCCAGCCCGGAGCCAGAGGTGCAGAGAGGACCAAGAGTGC 480  
Db 522 GCCGCGCTTACGCGACCTTCCAGCCCGGAGCCAGAGGTGCAGAGAGGACCAAGAGTGC 581  
QY 481 AGGACACCTGTGTGACAACTGCCCCCGGAGACCTTCTCCCAATGGGACCTGGAGG 540  
Db 582 AGGACACCTGTGTGACAACTGCCCCCGGAGACCTTCTCTCCCAATGGGACCTGGAGG 641  
QY 541 AATGTGACGACCAAGCAAGTGCAGCTGGCTGTGTGAGAGGCGGAGCTGGGACCAAGCA 600  
Db 642 AATGTGACGACCAAGCAAGTGCAGCTGGCTGTGTGAGAGGCGGAGCTGGGACCAAGCA 701  
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCTCATGTCATGTTGTGCTCCA 660  
Db 702 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGGCTCTCATGTCATGTTGTGCTCCA 761  
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 720  
Db 762 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTGATGTAGTCAAGGTGA 821  
QY 721 TCGTCTCCGTCGACCGGAAAAGACAGAGGACAGAGGTGAGCCACAGTCAATTGAGGCC 780  
Db 822 TCGTCTCCGTCGACCGGAAAAGACAGAGGACAGAGGTGAGCCACAGTCAATTGAGGCC 881  
QY 781 TGCAGGCCCCCTCCGAGCGTACCAAGGTCGCGCTGTGAGAGACAAATACCTCATTCACGG 840  
Db 882 TGCAGGCCCCCTCCGAGCGTACCAAGGTCGCGCTGTGAGAGACAAATACCTCATTCACGG 941  
QY 841 GGAAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA 881  
Db 942 GGAAGAGCCCAACCACTGACCCACAGACTCTGACCCCGA 982

RESULT 3  
US-60-512-690-729  
; Sequence 729, Application US/60512690  
; GENERAL INFORMATION:  
; APPLICANT: DOMON, Bruno  
; APPLICANT: HE, Tao  
; APPLICANT: LI, Aiqun  
; APPLICANT: ZHANG, Xiaolong  
; APPLICANT: KETCHUM, Karen  
; APPLICANT: MCCAFFERY, Ian  
; APPLICANT: NARAYAN, Vaibhav  
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES  
; FILE REFERENCE: CU001478PROV

/ CURRENT APPLICATION NUMBER: US/60/512,690  
/ CURRENT FILING DATE: 2003-10-23  
/ NUMBER OF SEQ ID NOS: 1027  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 729  
/ LENGTH: 1550  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-60-512-690-729

Query Match 99.6%; Score 877.8; DB 7; Length 1550;  
Best Local Similarity 99.8%; Pred. No. 1.3e-223;  
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 1 CCTGAGCATGAGAGCTCTGAGAGCTGGGGGCTCTCTCTGAGATCCACCCAGAA 60
DB 135 CCTGAGCATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTGAGATCCACCCAGAA 194
QY 61 CCGACGCTTGGAGCTGTGTGTATCTCACTTCTGGAGGCCCTGTCTAGCCCCAG 120
DB 195 CCGAGCTTGGAGCTGTGTGTATCTCACTTCTGGAGGCCCTGTCTAGCCCCAG 254
QY 121 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTGTCTCCCAAGTGA 180
DB 255 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTGTCTCCCAAGTGA 314
QY 181 GTCCAGATTATGTTGTAAGAGAGGCTGCGGGAGCTGACGGGCAAGTGTGAACTT 240
DB 315 GTCCAGATTATGTTGTAAGAGAGGCTGCGGGAGCTGACGGGCAAGTGTGAACTT 374
QY 241 GCCCTTCAGAGCACTTACATTTGCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 300
DB 375 GCCCTTCAGAGCACTTACATTTGCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 434
QY 301 TGTGTGACCCAGAGCTGGGCTGCGGCGGAGAGCTCTGAGAGACAGAGAGCCG 360
DB 435 TGTGTGACCCAGAGCTGGGCTGCGGCGGAGAGCTCTGAGAGACAGAGAGCCG 494
QY 361 TGTGTGTTGACAGCCAGGCACTTCTGATGCTTCCAGAGACGGGGACCACTGCGG 420
DB 495 TGTGTGTTGACAGCCAGGCACTTCTGATGCTTCCAGAGACGGGGACCACTGCGG 554
QY 421 GCCGCGCTTACGCACTTCACAGCCCGGAGCAGAGGCTGAGAGAGGAGCACCAGATG 480
DB 555 GCCGCGCTTACGCACTTCACAGCCCGGAGCAGAGGCTGAGAGAGGAGCACCAGATG 614
QY 481 AGGACACCTTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCTTGA 540
DB 615 AGGACACCTTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCTTGA 674
QY 541 AATGTACAGACCAAGTCAAGTGTGCTGTGACAGAGCCGAGAGCTGGAGACAGCA 600
DB 675 AATGTACAGACCAAGTCAAGTGTGCTGTGACAGAGCCGAGAGCTGGAGACAGCA 734
QY 601 GCTCCCACTGGGTATGTGTTTCTCTCAGGAGCTCTGATTCGTCATTTGTTGCTCA 660
DB 735 GCTCCCACTGGGTATGTGTTTCTCTCAGGAGCTCTGATTCGTCATTTGTTGCTCA 794
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 720
DB 795 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 854
QY 721 TGTGTCCGCTCAGGGGAAAGACAGAGAGGCAAGAGTGAAGCCACAGTCAATTGAGGCC 780
DB 855 TGTGTCCGCTCAGGGGAAAGACAGAGAGGCAAGAGTGAAGCCACAGTCAATTGAGGCC 914
QY 781 TGCAGGCCCCCTCGAGAGTCAACAGCGTGGCCGTGAGAGAGCAATACCTCATTTACCG 840
DB 915 TGCAGGCCCCCTCGAGAGTCAACAGCGTGGCCGTGAGAGAGCAATACCTCATTTACCG 974
QY 841 GAGAGAGCCCAACCACTGAGACCAAGATCTTGACCCCGCA 881
DB 975 GAGAGAGCCCAACCACTGAGACCAAGATCTTGACCCCGCA 1015
```

RESULT 4  
US-10-322-281-545  
/ Sequence 545, Application US/10322281  
/ GENERAL INFORMATION:  
/ APPLICANT: David W. Morris  
/ APPLICANT: Marc S. Malandro  
/ TITLE OF INVENTION: Novel Compositions and Methods in Cancer  
/ FILE REFERENCE: 529452001000  
/ CURRENT APPLICATION NUMBER: US/10/322,281  
/ CURRENT FILING DATE: 2002-12-17  
/ NUMBER OF SEQ ID NOS: 866  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 545  
/ LENGTH: 1558  
/ TYPE: DNA  
/ ORGANISM: Homo sapiens  
US-10-322-281-545

Query Match 99.6%; Score 877.8; DB 6; Length 1558;  
Best Local Similarity 99.8%; Pred. No. 1.3e-223;  
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 1 CCTGAGCATGAGAGCTCTGAGAGCTGGGGGCTCTCTCTGAGATCCACCCAGAA 60
DB 141 CCTGAGCATGAGAGCTCTCTGAGAGCTGGGGGCTCTCTCTGAGATCCACCCAGAA 200
QY 61 CCGACGCTTGGAGCTGTGTGTATCTCACTTCTGGAGGCCCTGTCTAGCCCCAG 120
DB 201 CCGAGCTTGGAGCTGTGTGTATCTCACTTCTGGAGGCCCTGTCTAGCCCCAG 260
QY 121 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTGTCTCCCAAGTGA 180
DB 261 CTCTGCGCTCTGCAAGAGAGAGATCCAGTGGCTCCGAGTGTCTCCCAAGTGA 320
QY 181 GTCCAGATTATGTTGTAAGAGAGGCTGCGGGAGCTGACGGGCAAGTGTGAACTT 240
DB 321 GTCCAGATTATGTTGTAAGAGAGGCTGCGGGAGCTGACGGGCAAGTGTGAACTT 380
QY 241 GCCCTTCAGAGCACTTACATTTGCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 300
DB 381 GCCCTTCAGAGCACTTACATTTGCCACTCAATGGCTTAAGCAAGTGTCTGAGTGC 440
QY 301 TGTGTGACCCAGAGCTGGGCTGCGGCGGAGAGCTCTGAGAGACAGAGAGCCG 360
DB 441 TGTGTGACCCAGAGCTGGGCTGCGGCGGAGAGCTCTGAGAGACAGAGAGCCG 500
QY 361 TGTGTGTTGACAGCCAGGCACTTCTGATGCTTCCAGAGACGGGGACCACTGCGG 420
DB 501 TGTGTGTTGACAGCCAGGCACTTCTGATGCTTCCAGAGACGGGGACCACTGCGG 560
QY 421 GCCGCGCTTACGCACTTCACAGCCCGGAGCAGAGGCTGAGAGAGGAGCACCAGATG 480
DB 561 GCCGCGCTTACGCACTTCACAGCCCGGAGCAGAGGCTGAGAGAGGAGCACCAGATG 620
QY 481 AGGACACCTTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCTTGA 540
DB 621 AGGACACCTTGTGTGAGAACTGCCCCCGGGGACCTTCTCTCCCAATGGAGCTTGA 680
QY 541 AATGTACAGACCAAGTCAAGTGTGCTGTGACAGAGCCGAGAGCTGGAGACAGCA 600
DB 681 AATGTACAGACCAAGTCAAGTGTGCTGTGACAGAGCCGAGAGCTGGAGACAGCA 740
QY 601 GCTCCCACTGGGTATGTGTTTCTCTCAGGAGCTCTGATTCGTCATTTGTTGCTCA 660
DB 741 GCTCCCACTGGGTATGTGTTTCTCTCAGGAGCTCTGATTCGTCATTTGTTGCTCA 800
QY 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 720
DB 801 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGGGGTATGTAGTCAAGTGA 860
QY 721 TGTGTCCGCTCAGGGGAAAGACAGAGAGGCAAGAGTGAAGCCACAGTCAATTGAGGCC 780
```

Db 861 TCGTCTCCGTCGACGGAAAGACAGGAAGGCAGAAAGTGAAGCCACAGTCA TTGAGGCC 920

Qy 781 TGCAGGCCCTCCGGACGTCACACGGTGGCCGTGGAGAGACATACCTCATTTACCG 840

Db 921 TGACGGCCCTCCGGACGTCACACGGTGGCCGTGGAGAGACATACCTCATTTACCG 980

Qy 841 GGAGAGCCCAACCACTGACCCACAGACTTGCACCCCGA 881

Db 981 GGAGAGCCCAACCACTGACCCACAGACTTGCACCCCGA 1021

RESULT 5  
US-60-512-690-731

```

? Sequence 731, Application US/60512690
? GENERAL INFORMATION:
? APPLICANT: DOMON, Bruno
? APPLICANT: HE, Tao
? APPLICANT: LI, Aiqun
? APPLICANT: ZHANG, Xiaolong
? APPLICANT: KETCHUM, Karen
? APPLICANT: MCCAFFERY, Ian
? APPLICANT: NARAYAN, Vaibhav
? TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES
? TITLE OF INVENTION: THEREOF
? FILE REFERENCE: CL001478PROV
? CURRENT APPLICATION NUMBER: US/60/512,690
? CURRENT FILING DATE: 2003-10-23
? NUMBER OF SEQ ID NOS: 1027
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 731
? LENGTH: 1558
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-60-512-690-731

```

Query Match	99.6%	Score 877.8	DB 7	Length 1558
Best Local Similarity	99.8%	Pred. No. 1.3e-223		
Matches 879	Conservative 0	Mismatches 2	Indels 0	Gaps 0

QY	1	CTGAGGACATGAGAGCCTCCTGTGAGATCGGGGGGCTCTCTCCGTGAGATCCACCCACGAA	60
Db	143	CTGAGGACATGAGAGCCTCCTGTGAGATCGGGGGGCTCTCTCCGTGAGATCCACCCACGAA	202
QY	61	CCGACGCTTGAGGCTGGTGTCTATCTCACTTCTCTGGAGCCCCCTGTACGGCCCCAG	120
Db	203	CCGACGCTTGAGGCTGGTGTCTATCTCACTTCTCTGGAGCCCCCTGTACGGCCCCAG	262
QY	121	CTGTGCCGTCCTGCAAGAGAGACGATACCCAGTGGGCTCCGAGTGTCTGCCCAAGTCA	180
Db	263	CTGTGCCGTCCTGCAAGAGAGAGATACCCAGTGGGCTCCGAGTGTCTGCCCAAGTCA	322
QY	181	GTCGAGGTTATTCGTGTGAAGAGAGAGCGCTGGGGGGAGGTGACGGGGCACATGTGTAAACCT	240
Db	323	GTCGAGGTTATTCGTGTGAAGAGAGAGCGCTGGGGGGAGGTGACGGGGCACATGTGTAAACCT	382
QY	241	GCCCTCAGGACACTTACATTGGCCACCTCAATGGCCTTAAGCAAGTGTGTGACGTGCCAA	300
Db	383	GCCCTCAGGACACTTACATTGGCCACCTCAATGGCCTTAAGCAAGTGTGTGACGTGCCAA	442
QY	301	TGTTGTACCCAGGCATGGGCTGTGGGCGGAGCGGAACTGTCTCCAGGACACAGAAACGGCG	360
Db	443	TGTTGTACCCAGGCATGGGCTGTGGGCGGAGCGGAACTGTCTCCAGGACACAGAAACGGCG	502
QY	361	TGTGTGTTGACGCCCAAGGTCACATTGTGCATGTGTCCAGACGGGGACCACTGGCGCGCGT	420
Db	503	TGTGTGTTGACGCCCAAGGTCACATTGTGCATGTGTCCAGACGGGGACCACTGGCGCGCGT	562
QY	421	GCCGCGCTTACGCGCACCTTCAGGCCCGGAGCCAGAGGGTGTGAGAAAGGAGGACACGAGATC	480
Db	563	GCCGCGCTTACGCGCACCTTCAGGCCCGGAGCCAGAGGGTGTGAGAAAGGAGGACACGAGATC	622
QY	481	AGGACACCTGTGTGACAGACTGCCCCCGGGACCTTCTCTCCAAATGGACACCTGGAGG	540

Db	623	AGGACACCCCTGTGTCAAGAACTGCCCCCGGGAGCCTTCTCTCCCAATATGGGACCTGTGAGG	682
Qy	541	AATGTCAAGACCAAGAACCAAGTGCAGCTGGCTGGTGA	600
Db	683	AATGTCAAGACCAAGAACCAAGTGCAGCTGGCTGGTGA	742
Qy	601	GCTCCCACTGGGTATGTGGTCTTCTCTCAAGGAGCTTCATGTGATTTGTTCTCA	660
Db	743	GCTCCCACTGGGTATGTGGTCTTCTCTCAAGGAGCTTCATGTGATTTGTTCTCA	802
Qy	661	CAGTTGGCTTAATCATATGTGTGAATAAAGAACCAAGGGTGAATGTCAAGTGA	720
Db	803	CAGTTGGCTTAATCATATGTGTGAATAAAGAACCAAGGGTGAATGTCAAGTGA	862
Qy	721	TGCTCTCCGTCCAGGGGAAAAAGACAGGAGGCAAGGAGCCACAGTATTTGAGGCC	780
Db	863	TGCTCTCCGTCCAGGGGAAAAAGACAGGAGGCAAGGAGCCACAGTATTTGAGGCC	922
Qy	781	TGCAAGGCCCTCCGAGCGTCACACAGAGTGGGCCGTGGAGAGACAAATACCTCATTTCA	840
Db	923	TGCAAGGCCCTCCGAGCGTCACACAGAGTGGGCCGTGGAGAGACAAATACCTCATTTCA	982
Qy	841	GGAGAGCCCAAAACCACTGACCCACAGACTCTGCAACCCCA	881
Db	983	GGAGAGCCCAAAACCACTGACCCACAGACTCTGCAACCCCA	1023

RESULT 6  
US-10-322-281-547

```

: Sequence 547, Application US/10322281
:
: GENERAL INFORMATION:
:
: APPLICANT: David W. Morris
: APPLICANT: Marc S. Malandro
: TITLE OF INVENTION: Novel Compositions and Methods in Cancer
: FILE REFERENCE: 529452001000
: CURRENT APPLICATION NUMBER: US/10/322,281
: CURRENT FILING DATE: 2002-12-17
: NUMBER OF SEQ. ID NOS: 866
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ. ID NO 547
: LENGTH: 1930
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-10-322-281-547

```

Query Match	99.6%	Score 877.8	DB 6	Length 1930
Best Local Similarity	99.8%	Pred. No. 1.4e-223		
Matches 879	Conservative 0	Mismatches 2	Indels 0	Gaps 0

QY	1	CCTGAGGATGAGACCTCTTGAGACTGGGGGCGCTCTCTCCGTGAGATCAACCCCCAGAA	60
Db	513	CCTGAGGCAATGGAACCTCTTGAGACTGGGGGCGCTCTCTCCGTGAGATCAACCCCCAGAA	572
QY	61	CCGACGTTTGAAGCTGTGCTGATCTCAACCTTCCTGGAGACCCCTCTGCTACGCCCCAG	120
Db	573	CCGACGTTTGAAGCTGTGCTGATCTCAACCTTCCTGGAGACCCCTCTGCTACGCCCCAG	632
QY	121	CTGACGCGTCTGTGAAGAGGACGAGTACCCAGTGGGCTCCGAGTGCATGCCCAAGTGCA	180
Db	633	CTCTGCGCTCTGTGAAGAGGACGAGTACCCAGTGGGCTCCGAGTGCATGCCCAAGTGCA	692
QY	181	GTCCAGGTTATCGTGTGAAGAGGCTTGCGGGAGCTGACGGGCAACAGTGTGTGAACCT	240
Db	693	GTCCAGGTTATCGTGTGAAGAGGCTTGCGGGAGCTGACGGGCAACAGTGTGTGAACCT	752
QY	241	GCCTTCGAGGACCTCACTTGGCCCACTCAATGGCTTAAGCAAGTGTCTGCAATGCCCAA	300
Db	753	GCCTTCGAGGACCTCACTTGGCCCACTCAATGGCTTAAGCAAGTGTCTGCAATGCCCAA	812
QY	301	TGTGTGACCCAGCCATGGGCGTGGCGCGGAGCGCCGAACTGCTCCAGAGCAGAGAAAGCGCG	360
Db	813	TGTGTGACCCAGCCATGGGCGTGGCGCGGAGCGCCGAACTGCTCCAGAGCAGAGAAAGCGCG	872

QY 361 TGTGTGTTGACAGCCGACGACCTTGTGATCTGACAGAGCGGGACCACTGGCCCGCT 420  
DB 873 TGTGTGCTGACAGCCGACGACCTTGTGATCTGACAGAGCGGGACCACTGGCCCGCT 932  
QY 421 GCCCGCTTAAAGCAGCTTCCAGCCCGGACAGAGGTGACAGAGGAGGACCGAGAGTC 480  
DB 933 GCCCGCTTAAAGCAGCTTCCAGCCCGGACAGAGGTGACAGAGGAGGACCGAGAGTC 992  
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGACCTTCTCTCCATGAGGACCTTGAGG 540  
DB 993 AGGACACCTGTGTGAGAACTGCCCCCGGGACCTTCTCTCCATGAGGACCTTGAGG 1052  
QY 541 AATGTAGACACAGACCAAGTGTGAGTGTGAGAGCGGAGCTGGAGCCAGCA 600  
DB 1053 AATGTAGACACAGACCAAGTGTGAGTGTGAGAGCGGAGCTGGAGCCAGCA 1112  
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCCTGTCATGTCATTGTTGCTCA 660  
DB 1113 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCCTGTCATGTCATTGTTGCTCA 1172  
QY 661 CAGTTGGCTTAATCATATGTGTGTAAGAAAGCAAGGGGTATGTATGTCAGGTGA 720  
DB 1173 CAGTTGGCTTAATCATATGTGTGTAAGAAAGCAAGGGGTATGTATGTCAGGTGA 1232  
QY 721 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGCAAGTCATTGAGGCC 780  
DB 1233 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGCAAGTCATTGAGGCC 1292  
QY 781 TCGAGGCCCTCCGAGAGTCACACAGGTGGCGGTGAGAGACAAATATCCCTCAATTACGG 840  
DB 1293 TCGAGGCCCTCCGAGAGTCACACAGGTGGCGGTGAGAGACAAATATCCCTCAATTACGG 1352  
QY 841 GGAGAGGCCCAACCACTGACCCACAGACTCTGACACCCCA 881  
DB 1353 GGAGAGGCCCAACCACTGACCCACAGACTCTGACACCCCA 1393

RESULT 7  
US-10-322-281-549  
Sequence 549, Application US/10322281  
GENERAL INFORMATION:  
APPLICANT: David W. Morris  
APPLICANT: Marc S. Malandro  
TITLE OF INVENTION: Novel Compositions and Methods in Cancer  
FILE REFERENCE: 529452001000  
CURRENT FILING DATE: 2002-12-17  
NUMBER OF SEQ ID NOS: 866  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 549  
LENGTH: 2260  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-322-281-549

Query Match 99.6%; Score 877.8; DB 6; Length 2260;  
Best Local Similarity 99.8%; Pred. No. 1.5e-223;  
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCTGAGCATGAGAGCTCTCTGAGAGTGGGGCTCTCTCTGAGATCCACCCACAGA 60  
DB 845 CCTGAGCATGAGAGCTCTCTGAGAGTGGGGCTCTCTCTGAGATCCACCCACAGA 904  
QY 61 CCGAGCTCTTGAAGGCTGTGTCTGATCTCACTTCTGAGAGCCCTGCTCAAGCCCGAG 120  
DB 905 CCGAGCTCTTGAAGGCTGTGTCTGATCTCACTTCTGAGAGCCCTGCTCAAGCCCGAG 964  
QY 121 CTTGCGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTCCAGAGTGGGCCCCCAAGTGA 180  
DB 965 CTTGCGCGCTCTGCAAGAGAGAGAGTACCAAGTGGGCTCCAGAGTGGGCCCCCAAGTGA 1024  
QY 181 GTCAAGTTATGTGTGAAGAGAGGCTCGCGGAGCTGACAGGCGCACAGTGTGAAACCT 240

DB 1025 GTTCAGAGTTATCGTGTGAAGAGAGGCTGCGGGAGCTGACGGGACAGTGTGTGAACCTT 1084  
QY 241 GCCCTCAGAGCACTTATATGCTCCACACTCAATATGCTTAAGCAAGTGTCTGACATGCCAA 300  
DB 1085 GCCCTCAGAGCACTTATATGCTCCACACTCAATATGCTTAAGCAAGTGTCTGACATGCCAA 1144  
QY 301 TGTGTGACACAGCAGATGGGCTGCGGCGAGCGGAACTGTCTCAGAGACAGAAAGCGCG 360  
DB 1145 TGTGTGACACAGCAGATGGGCTGCGGCGAGCGGAACTGTCTCAGAGACAGAAAGCGCG 1204  
QY 361 TGTGTGTTGACAGCCAGCCAGCACTTGTGATCTGACAGACGAGGACCACTGGCCCGCT 420  
DB 1205 TGTGTGCTGACAGCCAGCCAGCACTTGTGATCTGACAGACGAGGACCACTGGCCCGCT 1264  
QY 421 GCCCGCTTAAAGCAGCTTCCAGCCCGGACAGAGGTGACAGAGGAGGACCGAGAGTC 480  
DB 1265 GCCCGCTTAAAGCAGCTTCCAGCCCGGACAGAGGTGACAGAGGAGGACCGAGAGTC 1324  
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGGACCTTCTCTCCATGAGGACCTTGAGG 540  
DB 1325 AGGACACCTGTGTGAGAACTGCCCCCGGGACCTTCTCTCCATGAGGACCTTGAGG 1384  
QY 541 AATGTAGACACAGACCAAGTGTGAGTGTGAGAGCGGAGCTGGAGCCAGCA 600  
DB 1385 AATGTAGACACAGACCAAGTGTGAGTGTGAGAGCGGAGCTGGAGCCAGCA 1444  
QY 601 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCCTGTCATGTCATTGTTGCTCA 660  
DB 1445 GCTCCCACTGGGTATGTGTGTTCTCTCAGGAGCCCTGTCATGTCATTGTTGCTCA 1504  
QY 661 CAGTTGGCTTAATCATATGTGTGTAAGAAAGCAAGGGGTATGTATGTCAGGTGA 720  
DB 1505 CAGTTGGCTTAATCATATGTGTGTAAGAAAGCAAGGGGTATGTATGTCAGGTGA 1564  
QY 721 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGCAAGTCATTGAGGCC 780  
DB 1565 TCGTCTCCGTCAGCGGAAAGACAGAGGACAGAGTGTGAGGCAAGTCATTGAGGCC 1624  
QY 781 TCGAGGCCCTCCGAGAGTCACACAGGTGGCGGTGAGAGACAAATATCCCTCAATTACGG 840  
DB 1625 TCGAGGCCCTCCGAGAGTCACACAGGTGGCGGTGAGAGACAAATATCCCTCAATTACGG 1684  
QY 841 GGAGAGGCCCAACCACTGACCCACAGACTCTGACACCCCA 881  
DB 1685 GGAGAGGCCCAACCACTGACCCACAGACTCTGACACCCCA 1725

RESULT 8  
US-60-512-690-728  
Sequence 728, Application US/60512690  
GENERAL INFORMATION:  
APPLICANT: DOMON, Bruno  
APPLICANT: HE, Tao  
APPLICANT: LI, Aigun  
APPLICANT: ZHANG, Xiaolong  
APPLICANT: KETCHUM, Karen  
APPLICANT: MCCAFFERY, Ian  
APPLICANT: NARAYAN, Vaibhav  
TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES  
FILE REFERENCE: C1001478PROV  
CURRENT FILING DATE: 2003-10-23  
NUMBER OF SEQ ID NOS: 1027  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 728  
LENGTH: 2271  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-60-512-690-728

Query Match 99.6%; Score 877.8; DB 7; Length 2271;

Best Local Similarity 99.8%; Pred. No. 1.5e-223;  
Matches 879; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 1 CCTGAGGCGATGAGGAGCTCTGAGAGACTGGGGGCGCTCTCCCTGGAGATCCACCCCGAGAA 60
Db 856 CTTGAGGCGATGAGGAGCTCTGAGAGACTGGGGGCGCTCTCCCTGGAGATCCACCCCGAGAA 915
QY 61 CCGACGCTTTGAGGCTGTGTATCTCACTTCTGGGAGGCCCTGTGCTAGCCCGCAG 120
Db 916 CCGACGCTTTGAGGCTGTGTATCTCACTTCTGGGAGGCCCTGTGCTAGCCCGCAG 975
QY 121 CTGCGCGCTCTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Db 976 CTGCGCGCTCTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1035
QY 181 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 1036 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1095
QY 241 GCCCTCCAGGAGCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCT 300
Db 1096 GCCCTCCAGGAGCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCT 1155
QY 301 TGTGTGACCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Db 1156 TGTGTGACCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1215
QY 361 TGTGTGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Db 1216 TGTGTGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1275
QY 421 GCCCGGCTTACGCGAGCTCTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 1276 GCCCGGCTTACGCGAGCTCTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1335
QY 481 AGGACACCCGTTGTCAGAACTGCCCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540
Db 1336 AGGACACCCGTTGTCAGAACTGCCCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1395
QY 541 AATGTGACGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 1396 AATGTGACGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1455
QY 601 GCTCCCACTGGGTAATGTTGTTCTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660
Db 1456 GCTCCCACTGGGTAATGTTGTTCTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1515
QY 661 CAGTTGGCTTAATGATATGTTGTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 1516 CAGTTGGCTTAATGATATGTTGTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1575
QY 721 TCGTCTCGTTCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
Db 1576 TCGTCTCGTTCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1635
QY 781 TGACAGCCCTCTCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
Db 1636 TGACAGCCCTCTCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1695
QY 841 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 881
Db 1696 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1736

```

RESULT 9  
PCT-US03-28227-439  
Sequence 439; Application PC/TUS0328227

GENERAL INFORMATION:  
APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;  
APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;  
APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;  
APPLICANT: HARTSHORNE, Joanne A.; SUCHOROLSKI, Martin;  
APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;

```

APPLICANT: EIDER, Linda V.; MOONEY, Elizabeth M.;
APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;
APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
APPLICANT: PANZER, Scott R.; WANG, Xinhao;
APPLICANT: AL, Alan P.; GERSTIN, Edward H., Jr.;
APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;
APPLICANT: RLOUX, Pierre; SHEN, Edward J.;
APPLICANT: WU, Mingham C.; STUVE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIETZEN, Darryl; PATURY, Srikanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 439
LENGTH: 1540
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 928524.PT146
PCT-US03-28227-439

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Query Match 90.5%; Score 797.2; DB 1; Length 1540;  
Best Local Similarity 99.8%; Pred. No. 3.7e-202; Indels 0; Gaps 0;  
Matches 799; Conservative 0; Mismatches 3;

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QY 1 CCTGAGGCGATGAGGAGCTCTGAGAGACTGGGGGCGCTCTCCCTGGAGATCCACCCCGAGAA 60
Db 102 CTTGAGGCGATGAGGAGCTCTGAGAGACTGGGGGCGCTCTCCCTGGAGATCCACCCCGAGAA 161
QY 61 CCGACGCTTTGAGGCTGTGTATCTCACTTCTGGGAGGCCCTGTGCTAGCCCGCAG 120
Db 162 CCGACGCTTTGAGGCTGTGTATCTCACTTCTGGGAGGCCCTGTGCTAGCCCGCAG 221
QY 121 CTGCGCGCTCTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
Db 222 CTGCGCGCTCTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 281
QY 181 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 240
Db 282 GTCCAGGTTATCTGTATAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 341
QY 241 GCCCTCCAGGAGCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCT 300
Db 342 GCCCTCCAGGAGCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCTCAATTCCT 401
QY 301 TGTGTGACCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
Db 402 TGTGTGACCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 461
QY 462 TGTGTGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Db 521 TGTGTGAGTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 521
QY 421 GCCCGGCTTACGCGAGCTCTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 522 GCCCGGCTTACGCGAGCTCTCCAGCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 581
QY 481 AGGACACCCGTTGTCAGAACTGCCCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540

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Db 582 AGGACACCTGTGTGAGAACTGCCCCCGGGGACCTTCTCCCAATGAGACCTGGAGG 641  
Qy 541 AATGTGACGACGAGCAAGTGCAGCTGTGTAAGGAGCCGAGCTGGAGACAGCA 600  
Db 642 AATGTGACGACGAGCAAGTGCAGCTGTGTAAGGAGCCGAGCTGGAGACAGCA 701  
Qy 601 GCTCCCACTGAGTATGTTGTTCTCTCAGGAGCCTCGTCATTCGATTGTTGCTCA 660  
Db 702 GCTCCCACTGAGTATGTTGTTCTCTCAGGAGCCTCGTCATTCGATTGTTGCTCA 761  
Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGCGGTGATGTGTAAGTGA 720  
Db 762 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGCGGTGATGTGTAAGTGA 821  
Qy 721 TCGTCCGCTCAGGAGGAAAGACAGGAGCGCAAGGTGAGCCACAGTCATTGAGGCC 780  
Db 822 TCGTCCGCTCAGGAGGAAAGACAGGAGCGCAAGGTGAGCCACAGTCATTGAGGCC 881  
Qy 781 TGCAGGCCCCCTCCGAGCTCAC 802  
Db 882 TGCAGGCCCCCTCCGAGCGCCAC 903

RESULT 10  
PCT-US03-28227-438

; Sequence 438, Application PC/TUS0328227

; GENERAL INFORMATION:

; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;  
; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;  
; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;  
; APPLICANT: HARTSHORNE, ToINETTE A.; SUCHOROLSKI, Martin;  
; APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;  
; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;  
; APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;  
; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;  
; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;  
; APPLICANT: PANZER, Scott R.; WANG, Xinhao;  
; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;  
; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;  
; APPLICANT: RIOUX, Pierre; SHEN, Edward J.;  
; APPLICANT: WU, Mingham C.; STUVE, Laura L.;  
; APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;  
; APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;  
; APPLICANT: VITT, Ursula A.; KIRTON, Edward;  
; APPLICANT: XU, Yuming; KWONG, Mary;  
; APPLICANT: POLICKY, Jennifer L.; HORWITZ, Bonnie L.;  
; APPLICANT: MA, Yan; JACKSON, Jennifer L.;  
; APPLICANT: GIERTZEN, Daryl; PATURY, Srikanth;  
; APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.  
; TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: PN-0100 PCT  
; CURRENT APPLICATION NUMBER: PCT/US03/28227  
; CURRENT FILING DATE: 2003-09-12  
; PRIOR APPLICATION NUMBER: US 60/410,260  
; PRIOR FILING DATE: 2002-09-12  
; PRIOR APPLICATION NUMBER: US 60/410,259  
; PRIOR FILING DATE: 2002-09-12  
; NUMBER OF SEQ ID NOS: 5444  
; SOFTWARE: PERL Program  
; SEQ ID NO 438  
; LENGTH: 1583  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc. feature  
; OTHER INFORMATION: Incyte ID No: 928524.PT139  
PCT-US03-28227-438

Query Match 90.5%; Score 797.2; DB 1; Length 1583;  
Best Local Similarity 99.6%; Pred. No. 3.7e-202;  
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCTGAGGATGAGAGCTCTCTGAGAGCTGAGGAGCTCTCTCTGAGAGTACACCCCGAGAA 60  
Db 145 CCTGAGGATGAGAGCTCTCTGAGAGCTGAGGAGCTCTCTCTGAGAGTACACCCCGAGAA 204  
Qy 61 CCGAGCTCTTGAAGCTGTGTGTAATCTCACTTCTCTGAGAGCTCTCTGAGAGCTCTGAGAG 120  
Db 205 CCGAGCTCTTGAAGCTGTGTGTAATCTCACTTCTCTGAGAGCTCTCTGAGAGCTCTGAGAG 264  
Qy 121 CTCTGAGCTCTCTGAGAGGAGAGAGTAACTCCAGTGGAGCTCCGAGTGTCTCCCAAGTGA 180  
Db 265 CTCTGAGCTCTCTGAGAGGAGAGAGTAACTCCAGTGGAGCTCCGAGTGTCTCCCAAGTGA 324  
Qy 181 GTCCAGGTTATCTGTGTAAGAGAGGCTCGGAGAGCTGAAGGAGCAAGTGTGTAACCT 240  
Db 325 GTCCAGGTTATCTGTGTAAGAGAGGCTCGGAGAGCTGAAGGAGCAAGTGTGTAACCT 384  
Qy 241 GCCCTTCAGGACCTTAATTTGCTCACTTCAATAGGCTTAAGCAAGTGTCTGCAAGTGA 300  
Db 385 GCCCTTCAGGACCTTAATTTGCTCACTTCAATAGGCTTAAGCAAGTGTCTGCAAGTGA 444  
Qy 301 TGTGTGACCCAGGACCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCAAGTGA 360  
Db 445 TGTGTGACCCAGGACCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCAAGTGA 504  
Qy 421 TGTGTGTTGAGAGCCAGGACCTTCTGATCTGATCTGATCTGATCTGATCTGATCTGATCTGAT 420  
Db 505 TGTGTGTTGAGAGCCAGGACCTTCTGATCTGATCTGATCTGATCTGATCTGATCTGATCTGAT 564  
Qy 421 GCCGCGCTTAAGGACCTTCAAGCTTCAAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAG 480  
Db 565 GCCGCGCTTAAGGACCTTCAAGCTTCAAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAG 624  
Qy 481 AGGACACCTCTGTGTGAGAACTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAG 540  
Db 625 AGGACACCTCTGTGTGAGAACTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAGCTGAGGAG 684  
Qy 541 AATGTGACGACGAGCAAGTGCAGCTGTGTAAGGAGCCGAGCTGGAGACAGCA 600  
Db 685 AATGTGACGACGAGCAAGTGCAGCTGTGTAAGGAGCCGAGCTGGAGACAGCA 744  
Qy 601 GCTCCCACTGAGTATGTTGTTCTCTCAGGAGCCTCGTCATTCGATTGTTGCTCA 660  
Db 745 GCTCCCACTGAGTATGTTGTTCTCTCAGGAGCCTCGTCATTCGATTGTTGCTCA 804  
Qy 661 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGCGGTGATGTGTAAGTGA 720  
Db 805 CAGTTGGCTTAATCATATGTGTGAAAAGAAAGCAAGCGGTGATGTGTAAGTGA 864  
Qy 721 TCGTCCGCTCAGGAGGAAAGACAGGAGCGCAAGGTGAGGCCACAGTCATTGAGGCC 780  
Db 865 TCGTCCGCTCAGGAGGAAAGACAGGAGCGCAAGGTGAGGCCACAGTCATTGAGGCC 924  
Qy 781 TGCAGGCCCCCTCCGAGCTCAC 802  
Db 925 TGCAGGCCCCCTCCGAGCGCCAC 946

RESULT 11  
PCT-US03-28227-437

; Sequence 437, Application PC/TUS0328227

; GENERAL INFORMATION:

; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;  
; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;  
; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;  
; APPLICANT: HARTSHORNE, ToINETTE A.; SUCHOROLSKI, Martin;  
; APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;  
; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;  
; APPLICANT: DELEGANE, Angelo M.; PANESAR, Iqbal S.;  
; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;  
; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;  
; APPLICANT: PANZER, Scott R.; WANG, Xinhao;  
; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;  
; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;

```
APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
APPLICANT: WU, Mingham C.; STUVE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIETZEN, Darryl; PATURY, Srikanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ. ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 437
LENGTH: 1765
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 928524.PT130
PCT-US03-28227-437
```

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Query Match          90.5%; Score 797.2; DB 1; Length 1765;
Best Local Similarity 99.6%; Pred. No. 3.8e-202;
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 1 CCTGAGGATGAGAGCTCTCGAGACTGGGGGCTCTCTCGTGAAGATCCACCCCGAGAA 60
DB 327 CCGAGGATGAGAGCTCTCGAGACTGGGGGCTCTCTCGTGAAGATCCACCCCGAGAA 386
QY 61 CCGAGCTTTGAGAGCTGTGTATCTCACTTCTCTGGAGCCCTCTGACGCCCCAG 120
DB 387 CCGAGCTTTGAGAGCTGTGTATCTCACTTCTCTGGAGCCCTCTGACGCCCCAG 446
QY 121 CTGCGCGTCTGCAAGAGAGAGAGTACCAGTGGGCTCCGAGTGTGCCCCAAGTCA 180
DB 447 CTGCGCGTCTGCAAGAGAGAGAGTACCAGTGGGCTCCGAGTGTGCCCCAAGTCA 506
QY 181 GTCCAGTTATCGTGTGAAGAGAGCTGCGGGAGCTGAGGGGACAGTGTGAACCT 240
DB 507 GTCCAGTTATCGTGTGAAGAGAGCTGCGGGAGCTGAGGGGACAGTGTGAACCT 566
QY 241 GCCCTCCAGGACCTAATTGCGCACTCAATGGGCTTAAGCAAGTGTGTGAACCT 300
DB 567 GCCCTCCAGGACCTAATTGCGCACTCAATGGGCTTAAGCAAGTGTGTGAACCT 360
QY 301 TGTGTGACCCAGGAGGAGGCTGCGGCGAGCCGGAAGTGTCTCAGAGCAAGAGCCG 360
DB 627 TGTGTGACCCAGGAGGAGGCTGCGGCGAGCCGGAAGTGTCTCAGAGCAAGAGCCG 686
QY 361 TGTGTGTTGAGGAGCCAGGCGCACTTGTGATCTGTCAGAGACGGGAGCACTGCGCCG 420
DB 687 TGTGTGTTGAGGAGCCAGGCGCACTTGTGATCTGTCAGAGACGGGAGCACTGCGCCG 746
QY 421 GCCCGGCTTACGCACTCTCCAGCCCGGGCCAGAGGGTGTGCAAGAGAGGACCGAGAGTC 480
DB 747 GCCCGGCTTACGCACTCTCCAGCCCGGGCCAGAGGGTGTGCAAGAGAGGACCGAGAGTC 806
QY 481 AGGACACCTGTGTGAGAACTGCCCGGGGAGCACTTCTCTCCCAATGGGAGCCTTGAGG 540
DB 807 AGGACACCTGTGTGAGAACTGCCCGGGGAGCACTTCTCTCCCAATGGGAGCCTTGAGG 866
QY 541 AATGTGAGCAACAGAGCAAGTGTGAGTGTGTGAGAGAGCCGAGAGCTGGAGCAAGCA 600
DB 867 AATGTGAGCAACAGAGCAAGTGTGAGTGTGTGAGAGAGCCGAGAGCTGGAGCAAGCA 926
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QY 601 GCTCCACTGGGAGTGGTGTCTCTCAGGAGCCTCGTCAATGCTTTGCTCCA 660
DB 927 GCTCCACTGGGAGTGGTGTCTCTCAGGAGCCTCGTCAATGCTTTGCTCCA 986
QY 661 CAGTTGAGCTTATCATATGTGTGAAGAAAGCAAGAGGGTGTGTAGTCAAGTGA 720
DB 987 CAGTTGAGCTTATCATATGTGTGAAGAAAGCAAGAGGGTGTGTAGTCAAGTGA 1046
QY 721 TCGTCTCCGTCGAGCGGAAAGACAGAGGACAGAGTGAAGCCAGTCAATTGAGGCC 780
DB 1047 TCGTCTCCGTCGAGCGGAAAGACAGAGGACAGAGTGAAGCCAGTCAATTGAGGCC 1106
QY 781 TGCAGGCCCCCTCCGAGCGTCA 802
DB 1107 TGCAGGCCCCCTCCGAGCGCAC 1128
```

```
RESULT 12:
PCT-US03-28227-436
Sequence 436, Application PC/TUS0328227
GENERAL INFORMATION:
APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
APPLICANT: HARTSHORNE, ToINETTE A.; SUCHOROLSKI, Martin;
APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;
APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
APPLICANT: DELBEGANE, Angelo M.; PANESAR, Iqbal S.;
APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
APPLICANT: PANZER, Scott R.; WANG, Xinhao;
APPLICANT: HU, Alan P.; GERSTIN, Edward H., Jr.;
APPLICANT: FERALLTA, Careyna H.; ANDERSON, Scott E.;
APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
APPLICANT: WU, Mingham C.; STUVE, Laura L.;
APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
APPLICANT: VITT, Ursula A.; KIRTON, Edward;
APPLICANT: XU, Yuming; KWONG, Mary;
APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;
APPLICANT: MA, Yan; JACKSON, Jennifer L.;
APPLICANT: GIETZEN, Darryl; PATURY, Srikanth;
APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PN-0100 PCT
CURRENT APPLICATION NUMBER: PCT/US03/28227
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: US 60/410,260
PRIOR FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 60/410,259
PRIOR FILING DATE: 2002-09-12
NUMBER OF SEQ. ID NOS: 5444
SOFTWARE: PERL Program
SEQ ID NO 436
LENGTH: 1985
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 928524.PT117
PCT-US03-28227-436
```

```
Query Match          90.5%; Score 797.2; DB 1; Length 1985;
Best Local Similarity 99.6%; Pred. No. 4e-202;
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1 CCTGAGGATGAGAGCTCTCGAGACTGGGGGCTCTCTCGTGAAGATCCACCCCGAGAA 60
DB 547 CCGAGGATGAGAGCTCTCGAGACTGGGGGCTCTCTCGTGAAGATCCACCCCGAGAA 606
QY 61 CCGAGCTTTGAGAGCTGTGTATCTCACTTCTCTGGAGCCCTCTGACGCCCCAG 120
DB 607 CCGAGCTTTGAGAGCTGTGTATCTCACTTCTCTGGAGCCCTCTGACGCCCCAG 666
```

```

QY 121 CTCGCGCTCTGCAAGAGAGAGATACCAAGTGGCTCCAGTGTCTCCCAAGTGA 180
DB 667 CTCGCGCTCTGCAAGAGAGAGATACCAAGTGGCTCCAGTGTCTCCCAAGTGA 726
QY 181 GTCCAGGTTATGCTGTGAAGAGAGGCTCGCGGAGACTGACGGGACAGTGTGAACCT 240
DB 727 GTCCAGGTTATGCTGTGAAGAGAGGCTCGCGGAGACTGACGGGACAGTGTGAACCT 786
QY 241 GCCCTCCAGGACCTTACATTTGCCAATGAGGCTTAAGCAAGTGTCCAGTGCATA 300
DB 787 GCCCTCCAGGACCTTACATTTGCCAATGAGGCTTAAGCAAGTGTCCAGTGCATA 846
QY 301 TGTGTGACCCAGCAGCTGAGGCTCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGG 360
DB 847 TGTGTGACCCAGCAGCTGAGGCTCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGG 906
QY 361 TGTGTGTTGTGACGCCAGGCGCACTTGTGATGTGTCCAGGACGAGGACCACTGCGCGCT 420
DB 907 TGTGTGTTGTGACGCCAGGCGCACTTGTGATGTGTCCAGGACGAGGACCACTGCGCGCT 966
QY 421 GCCGAGCTTACGCACTCTCAGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 480
DB 967 GCCGAGCTTACGCACTCTCAGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1026
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCATGAGGAGCCTGAGAG 540
DB 1027 AGGACACCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCATGAGGAGCCTGAGAG 1086
QY 541 AATGTGACGACCAAGCAAGTGCAGTGTGTGTGACGAGGCGGAGGCGGAGGCGGAGG 600
DB 1087 AATGTGACGACCAAGCAAGTGCAGTGTGTGTGACGAGGCGGAGGCGGAGGCGGAGG 1146
QY 601 GCTCCACCTGAGTGTGTGTCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 660
DB 1147 GCTCCACCTGAGTGTGTGTCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1206
QY 661 CAGTGGCTTATCATATGTGTGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 720
DB 1207 CAGTGGCTTATCATATGTGTGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1266
QY 721 TCGTCTCCGTCAGCGGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 780
DB 1267 TCGTCTCCGTCAGCGGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1326
QY 781 TGCAGGCGCTTCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 802
DB 1327 TGCAGGCGCTTCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1348

```

RESULT 13  
PCT-US03-28227-435  
Sequence 435, Application PC/TUS0328227

GENERAL INFORMATION:

```

; APPLICANT: INCYTE CORPORATION; SCHMIDT, Jeanette P.;
; APPLICANT: WRIGHT, Rachel J.; BRUNS, Christopher M.;
; APPLICANT: MARJANOVIC, Mirjana M.; SHEN, Fan;
; APPLICANT: HARTSHORNE, Toineeta A.; SUCHOROLSKI, Martin;
; APPLICANT: ALTUS, Christina M.; PITTS, Steven J.;
; APPLICANT: ELDER, Linda V.; MOONEY, Elizabeth M.;
; APPLICANT: DELEGEANE, Angelo M.; PANESAR, Iqbal S.;
; APPLICANT: BANVILLE, Steven C.; REDDY, Thirupathi P.;
; APPLICANT: STEVENS, Kristian A.; BLANCHARD, John L.;
; APPLICANT: PANZER, Scott R.; WANG, Xinhao;
; APPLICANT: AU, Alan P.; GERSTIN, Edward H., Jr.;
; APPLICANT: PERALTA, Careyna H.; ANDERSON, Scott E.;
; APPLICANT: RIOUX, Pierre; SHEN, Edward J.;
; APPLICANT: WU, Mingham C.; STUVE, Laura L.;
; APPLICANT: LAGACE, Robert E.; SPIRO, Peter A.;
; APPLICANT: STEWART, Elizabeth A.; WINGROVE, James A.;
; APPLICANT: VITT, Ursula A.; KIRTON, Edward;
; APPLICANT: XU, Yuming; KWONG, Mary;
; APPLICANT: POLICKY, Jennifer L.; HURWITZ, Bonnie L.;

```

```

; APPLICANT: MA, Yan; JACKSON, Jennifer L.;
; APPLICANT: GIETZEN, Daryl; PATRY, Srikanth;
; APPLICANT: SHI, Xiaobing; SUAREZ, Charlyn J.;
; TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: PN-0100 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/28227
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: US 60/410,260
; PRIOR FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 60/410,259
; PRIOR FILING DATE: 2002-09-12
; NUMBER OF SEQ ID NOS: 5444
; SOFTWARE: PERL Program
; SEQ ID NO 435
; LENGTH: 1994
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 928524.PT115
PCT-US03-28227-435

Query Match          90.5%; Score 797.2; DB 1; Length 1994;
Best Local Similarity 99.6%; Pred. No. 4e-202;
Matches 799; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCTGAGGATGAGAGCTCTCTGAGAGCTGGGGCTCTCTCCCTGAGATCCACCCCGAGA 60
DB 556 CCTGAGGATGAGAGCTCTCTGAGAGCTGGGGCTCTCTCCCTGAGATCCACCCCGAGA 615
QY 61 CCGAGCTCTTGAAGCTGTGTGTCTCTCACTTCTCTGGAGACCCCTCTAGCCCGAG 120
DB 616 CCGAGCTCTTGAAGCTGTGTGTCTCTCACTTCTCTGGAGACCCCTCTAGCCCGAG 675
QY 121 CTCGCGCTCTGCAAGAGAGAGGAGTACCCAGTGGGCTCGAGTGTCTCCCAAGTGA 180
DB 676 CTCGCGCTCTGCAAGAGAGAGGAGTACCCAGTGGGCTCGAGTGTCTCCCAAGTGA 735
QY 181 GTCCAGGTTATGCTGTGAAGAGAGGCTCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGG 240
DB 736 GTCCAGGTTATGCTGTGAAGAGAGGCTCGCGGAGAGGAGGAGGAGGAGGAGGAGGAGG 795
QY 241 GCCCTCCAGGACCTTACATTTGCCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 300
DB 796 GCCCTCCAGGACCTTACATTTGCCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 855
QY 301 TGTGTGACCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 360
DB 856 TGTGTGACCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 915
QY 361 TGTGTGTTGTGACGCCAGGCGCACTTGTGATGTGTCCAGGACGAGGACCACTGCGCGCT 420
DB 916 TGTGTGTTGTGACGCCAGGCGCACTTGTGATGTGTCCAGGACGAGGACCACTGCGCGCT 975
QY 421 GCCGAGCTTACGCACTCTCAGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 480
DB 976 GCCGAGCTTACGCACTCTCAGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1035
QY 481 AGGACACCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCATGAGGAGCCTGAGAG 540
DB 1036 AGGACACCTGTGTGAGAACTGCCCCCGGAGACCTTCTCTCCATGAGGAGCCTGAGAG 1095
QY 541 AATGTGACGACCAAGCAAGTGCAGTGTGTGTGACGAGGCGGAGGCGGAGGCGGAGGAG 600
DB 1096 AATGTGACGACCAAGCAAGTGCAGTGTGTGTGACGAGGCGGAGGCGGAGGCGGAGGAG 1155
QY 601 GCTCCACCTGAGTGTGTGTCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 660
DB 601 GCTCCACCTGAGTGTGTGTCTCTCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1215
QY 661 CAGTGGCTTATCATATGTGTGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 720
DB 1216 CAGTGGCTTATCATATGTGTGAAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1275

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QY 721 TCGTCTCCGTCACGGGAAAAGACAGAGGAGGAGGACCAAGTATTGAGGCC 780  
DB 1276 TCGTCTCCGTCACGGGAAAAGACAGAGGAGGAGGAGGACCAAGTATTGAGGCC 1335  
QY 781 TGCAGGCCCTCCGAGAGTCAC 802  
DB 1336 TGCAGGCCCTCCGAGAGTCAC 1357

## RESULT 14

US-60-512-690-733  
; Sequence 733, Application US/60512690  
; GENERAL INFORMATION:  
; APPLICANT: DOMON, Bruno  
; APPLICANT: HE, Tao  
; APPLICANT: LI, Aiqun  
; APPLICANT: ZHANG, Xiaolong  
; APPLICANT: KETCHUM, Karen  
; APPLICANT: MCCAFFERY, Ian  
; APPLICANT: NARAYAN, Valbhav  
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES  
; FILE REFERENCE: CU001478PROV  
; CURRENT APPLICATION NUMBER: US/60/512,690  
; CURRENT FILING DATE: 2003-10-23  
; NUMBER OF SEQ ID NOS: 1027  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 733  
; LENGTH: 2492  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-60-512-690-733

Query Match 64.9%; Score 571.4; DB 7; Length 2492;  
Best Local Similarity 99.8%; Pred. No. 5.3e-142;  
Matches 572; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 309 CCAGCCATGGGCTCGCGCGGAGCGGAACTGCTCCAGACAGAGAAAGCCGTGTGTGT 368  
DB 1385 CCAGCCATGGGCTCGCGCGGAGCGGAACTGCTCCAGACAGAGAAAGCCGTGTGTGT 1444  
QY 369 TGCAGCCAGGCGCACTTCTGATGTCAGAGCGGAGCACTCGCGCGGTGCGGT 428  
DB 1445 TGCAGCCAGGCGCACTTCTGATGTCAGAGCGGAGCACTCGCGCGGTGCGGT 1504  
QY 429 TACGCCACTCCAGCGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 488  
DB 1505 TACGCCACTCCAGCGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1564  
QY 489 CTGTGTAGAACTGCGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 548  
DB 1565 CTGTGTAGAACTGCGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1624  
QY 549 CACCAAGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 608  
DB 1625 CACCAAGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 1684  
QY 609 TGGGTATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 668  
DB 1685 TGGGTATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 1744  
QY 669 CTATATCATATGTGAAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 728  
DB 1745 CTATATCATATGTGAAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1804  
QY 729 GTCCAGGCGAAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 788  
DB 1805 GTCCAGGCGAAAAGACAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1864  
QY 789 CCTCCGAGCGTACCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 848  
DB 1865 CCTCCGAGCGTACCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1924

QY 849 CCAAACTACTGACCCCAAGAGCTTGCACCCCGA 881  
DB 1925 CCAAACTACTGACCCCAAGAGCTTGCACCCCGA 1957

## RESULT 15

US-60-512-690-732  
; Sequence 732, Application US/60512690  
; GENERAL INFORMATION:  
; APPLICANT: DOMON, Bruno  
; APPLICANT: HE, Tao  
; APPLICANT: LI, Aiqun  
; APPLICANT: ZHANG, Xiaolong  
; APPLICANT: KETCHUM, Karen  
; APPLICANT: MCCAFFERY, Ian  
; APPLICANT: NARAYAN, Valbhav  
; TITLE OF INVENTION: PANCREATIC DISEASE TARGETS AND USES  
; FILE REFERENCE: CU001478PROV  
; CURRENT APPLICATION NUMBER: US/60/512,690  
; CURRENT FILING DATE: 2003-10-23  
; NUMBER OF SEQ ID NOS: 1027  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 732  
; LENGTH: 3459  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-60-512-690-732

Query Match 48.2%; Score 424.6; DB 7; Length 3459;  
Best Local Similarity 99.1%; Pred. No. 6.8e-103;  
Matches 427; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 309 CCAGCCATGGGCTCGCGCGGAGCGGAACTGCTCCAGACAGAGAAAGCCGTGTGTGT 368  
DB 2518 CCAGCCATGGGCTCGCGCGGAGCGGAACTGCTCCAGACAGAGAAAGCCGTGTGTGT 2577  
QY 369 TGCAGCCAGGCGCACTTCTGATGTCAGAGCGGAGCACTCGCGCGGTGCGGT 428  
DB 2578 TGCAGCCAGGCGCACTTCTGATGTCAGAGCGGAGCACTCGCGCGGTGCGGT 2637  
QY 429 TACGCCACTCCAGCGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 488  
DB 2638 TACGCCACTCCAGCGCGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 2697  
QY 489 CTGTGTAGAACTGCGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 548  
DB 2698 CTGTGTAGAACTGCGCGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 2757  
QY 549 CACCAAGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 608  
DB 2758 CACCAAGCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 2817  
QY 609 TGGGTATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 668  
DB 2818 TGGGTATGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGT 2877  
QY 669 CTATATCATATGTGAAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 728  
DB 2878 CTATATCATATGTGAAAAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 2937  
QY 729 GTCCAGGCGAAA 739  
DB 2938 GTCCAGGCGAAA 2948

Search completed: November 22, 2003, 02:08:31  
Job time : 258 secs